

STATE OF NEW HAMPSHIRE
Department of Health and Human Services
Data Analytics Platform for Opioid Crisis
DHHS - RFP 2019-043/RFP-2019-DPHS-19-DATAA

Department of Health and Human Services

Data Analytics Platform for Opioid Crisis

RFP 2019-043/RFP-2019-DPHS-19-DATAA

RFP ISSUED.....Oct. 16, 2018

VENDOR CONFERENCE.....Oct. 30, 2018; 9:00 a.m. EST

AT: 129 Pleasant St., Concord, NH 03301

STATE POINT of CONTACT.....Brian Owens

Brian.owens@dhhs.nh.gov

603-271-9634

CONTRACT TYPE.....<NOT TO EXCEED>

**PROPOSALS DUE.....Dec. 10, 2028 2:00 p.m.
EST**

1. INTRODUCTION

- 1.1. The State of New Hampshire, acting through the Department of Health and Human Services (Department) is releasing this Request for Proposal (RFP) to procure a software system and associated services for the Department to implement a scalable Opioid Crisis Response Management Business Intelligence dashboard.
- 1.2. Project Overview
 - 1.2.1. New Hampshire, like many states, is in the midst of responding to the opioid crisis. New Hampshire has been especially hard hit with one of the highest overdose rates in the country. At the same time the Department is limited in its capacity to manage the volume of information available throughout the state and nationally that relates to the opioid crisis. Data related to the opioid crisis in many respects presents the largest data management and analysis challenge of any issue faced not just by the Department but by the State as a whole.
 - 1.2.2. The Department maintains or has access to multiple systems that compile data on a variety of health and social issues that correlate with risk, progression, misuse and addiction to opioids and resulting health consequences, including overdose deaths. These systems organize and support various functional areas in delivering services to the citizens, as well as systems that capture information about the health and well-being of the general public. In addition, other NH state agencies and federal partners capture important data related to the opioid crisis. Improved use of data assets is essential to the Department's opioid response. Currently the primary extent of regular data reporting on opioids in New Hampshire is the monthly New Hampshire Drug Monitoring Initiative produced by the Department of Safety New Hampshire Information & Analysis Center (for a recent example, see <https://www.dhhs.nh.gov/dcbcs/bdas/documents/dmi-june-2018.pdf>).
 - 1.2.3. In aggregate, these systems maintain a large wealth of data and, historically, have been commissioned and operated to serve the purposes of varying Bureaus and Divisions within the Department and other state agencies and stakeholders outside the Department. Unlocking, consolidating and bringing this data into a holistic Data Analytics Platform (DAP), allows the Department to identify and drive meaningful change.

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- 1.2.4. The Department, in partnership with the Department of Information Technology, is currently underway with implementation of the initial components of an Enterprise Business Intelligence platform using Oracle, Informatica PowerCenter Advanced Edition, Informatica Data Quality Standard Edition, and Tableau with an expected implementation of the infrastructure by 12/31/18.
- 1.2.5. There is an opportunity to organize data into information, identify meaningful social applications and develop realistic, fact-based, evidence-supported policies and programs; focusing the Department on how to best address the current opioid crisis. This opportunity requires coordination, consideration and dedication in order to make use of data and analytical resources by putting in place a holistic solution, which makes use of advanced analytical tools, for use by all levels of resources including Department subject matter experts, data scientists/analysts, program managers, and executives, as well as stakeholders outside the Department. Health and Human Services and Department of Information Technology staff will work in concert with the awarded vendor to implement a solution that will be maintained and operated by the State of New Hampshire subsequent to acceptance of the completed work.
- 1.2.6. This RFP provides interested Vendors with the information needed to understand the desired Data Analytics Platform (DAP), assess the level of effort required to meet the defined requirements and to submit a proposal for consideration that:
 - 1.2.6.1. Enables the effective sharing, reuse, and governance of Enterprise Business and Technical Services through the deployment of the DAP;
 - 1.2.6.2. Enables the vision for an interoperable approach to the State's health and human services program data;
 - 1.2.6.3. Enables New Hampshire to replace the current Department data warehouse, which is a collection of unconnected data stores, with a true enterprise business intelligence DAP that will be developed and deployed through a phased approach for meeting the future technology needs of all of New Hampshire's DHHS programs as follows:

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- 1.2.6.3.1. Starting with the implementation of the essential technical components and capabilities to meet the State's functional needs for the opioid response, followed by the expansion of technical and functional capabilities to meet the needs of other Department programs;
- 1.2.6.3.2. Ensuring an agile design, development, and implementation approach to the Department enterprise DAP and opioid dashboard;
- 1.2.6.4. Strengthens data sharing, worker collaboration and decision support at all levels through a new Department Enterprise DAP driven by a robust governance model.
- 1.2.6.5. Ensuring that the proposed Department Enterprise DAP adhere to confidentiality and privacy requirements of state rules and state and federal laws, including, but not limited to; 42 CFR Part 2 and 45 CFR 160, 162 and 164.
- 1.2.7. The Department's intent is to evaluate the necessary software solution(s), implementation, maintenance and operations, and hosting services in the context of the RFP. The Department is interested in proposals that demonstrate a creative approach to meeting the requirements for the development of an Enterprise DAP, including a new Business Intelligence System and an Opioid Dashboard. This dashboard will be used for both external (anonymous) and internal (role-based) access and uses (e.g., Opioid Dashboard for both external (anonymous) and internal (role-based) access and uses.)
- 1.2.8. Prospective Vendors are encouraged to develop strategic partnerships in blending the capabilities and skills necessary to develop the best value solution for the Department.
- 1.2.9. The purpose of this RFP is to provide sufficient information to interested Vendors to prepare and submit proposals, presentations and demonstrations for consideration by the Department for:
 - 1.2.9.1. Designing, developing and implementing (DDI) the proposed Enterprise DAP and Business Intelligence System that will meet the known, expected, and future interoperability needs, integrated reporting, and shared analytics requirements of the Department and the State
 - 1.2.9.2. Project Management strategies to implement solutions in a short timeline

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- 1.2.9.3. Design and implementation of a State managed data governance and management model
- 1.2.9.4. Providing on-site user training and complete up-to-date operational, technical, and user documentation
- 1.2.9.5. Inventory, migration and training of key staff to perform the migration of existing data warehouse and reporting environment as it related to the Opioid dashboard data sources
- 1.2.9.6. Creation of an Opioid crisis dashboard leveraging multiple data sources to allow for real time information gathering (see Appendix D-1 for high-level requirements diagram)
- 1.2.9.7. Conducting a post-implementation review and sign off period
- 1.2.9.8. Hosting and/or on premise support for the proposed system during the phased DDI effort and proposed maintenance and operations costs for post full deployment if hosted
- 1.2.10. This RFP contains instructions governing the Proposals to be submitted and the material to be included herein; a description of the solution to be provided; general evaluation criteria; and other requirements to be met by each Proposal.
- 1.2.11. The DAP will facilitate analysis that will lead to:
 - 1.2.11.1. Strengthening the outcomes and value of the services provided by the Department
 - 1.2.11.2. Improving the care and well-being of individuals and families by enabling integrated analysis of intra-Departmental and State data
 - 1.2.11.3. Promoting a Department organizational structure that encourages working across traditional boundaries and embraces change
 - 1.2.11.4. The DAP will support the Department in achieving these objectives through:
 - 1.2.11.4.1. Data cleansing and quality improvement
 - 1.2.11.4.2. Integrating opioid-related data sets
 - 1.2.11.4.3. Integrating other Department data
 - 1.2.11.4.4. Improving system performance
 - 1.2.11.4.5. Creating semantic interoperability between disparate data sets

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- 1.2.11.4.6. Creating hardware and software architecture principals that will allow future scalability for additional data,
- 1.2.11.4.7. Meta data management,
- 1.2.11.4.8. Data governance, and
- 1.2.11.4.9. Creating a system of consent and authorization so that protected health information, substance use disorder treatment information can be obtained, as needed, and revocations can be tracked.
- 1.2.11.5. The Department recognizes that a modern and contemporary information system is required to support the Department's response to the Opioid Crisis and improving Department programs' efficiencies, effectiveness, outcomes and quality of service.
- 1.2.11.6. High-Level Functionality for the Proposed System.
 - 1.2.11.6.1. The proposed system is to have a DAP that enables service levels, future upgrades, replacement, and augmentation allowing the system to be incrementally modernized throughout its life span. This is required to enable the system to fit the future Department needs without a complete replacement.
- 1.2.11.7. The proposed system will continue to scale after the contract completion to incorporate future data sets. Future systems that will be integrated into the system as time and funding permits will include but not limited to:
 - 1.2.11.7.1. Community Mental Health Services
 - 1.2.11.7.2. Illicit Drug Use Infectious Disease
 - 1.2.11.7.3. Injury Prevention
 - 1.2.11.7.4. Public Health Home Visiting
 - 1.2.11.7.5. United Healthcare Facilities Discharge Data Set (emergency department visits and inpatient discharges)
 - 1.2.11.7.6. Naloxone Distribution by Hubs
 - 1.2.11.7.7. Human Services Programs (e.g., SNAP, TANF)
 - 1.2.11.7.8. BRFSS (Behavioral Risk Factor Surveillance System)

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1.2.11.7.9. YRBS (Youth Risk Behavior Survey)

1.2.11.7.10. NSDUH (National Survey on Drug Use and Health)

1.2.11.7.11. PRAMS (Perinatal Risk Assessment Monitoring System)

1.2.11.7.12. Prescription Drug Monitoring Program

1.2.11.7.13. New Hampshire Hospital Electronic Health Records

1.2.11.7.14. Housing, Employment Education

1.2.11.7.15. Criminal Justice

1.2.11.7.16. Prevention and Harm Reduction Programs

1.2.11.7.17. Suicide Prevention

1.2.12. Contract Award

The State plans to execute a Not to Exceed (NTE) \$2,278,642 Contract as a result of this RFP to include acquisition of necessary hardware and software to meet the deliverables of the proposed system. If an award is made, it shall be made based upon evaluation of the submitted Proposals in accordance with the review process outlined in Section 5: *Proposal Evaluation Process* below. The award will be based upon criteria, standards, and weighting identified in this RFP. The award may be awarded to a single or multiple vendors based upon evaluation of the submitted proposals.

1.2.13. Non-Exclusive Contract

Any resulting Contract from this RFP will be a Non-Exclusive Contract. The State reserves the right, at its discretion, to retain other Vendors to provide any of the Services or Deliverables identified under this procurement or make an award by item, part or portion of an item, group of items, or total Proposal. The Contractor shall not be responsible for any delay, act, or omission of such other Contractors, except that the Contractor shall be responsible for any delay, act, or omission of the other Contractors if such delay, act, or omission is caused by or due to the fault of the Contractor.

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If a Contract is awarded, the Vendor must obtain written consent from the State before any public announcement or news release is issued pertaining to any Contract award. Such permission, at a minimum, will be dependent upon approval of the Contract by Governor and Executive Council of the State of New Hampshire. A Contract award is contingent on approval by the Governor and Executive Council.

1.3. Contract Term

Time is of the essence in the performance of a Vendor's obligations under the Contract.

- 1.3.1. The Vendor shall be fully prepared to commence work within 10 days of contract approval by the G&C full execution of the Contract by the parties, and the receipt of required governmental approvals, including, but not limited to, Governor and Executive Council of the State of New Hampshire approval ("Effective Date").
- 1.3.2. The Vendor's initial term will begin on the Effective Date and extend through August, 31, 2019. The term may be extended up to four (4) years ("Extended Term") at the sole option of the State, subject to the parties prior written agreement on applicable fees for each extended term, up to but not beyond AUGUST, 31, 2023.
- 1.3.3. The Vendor shall commence work upon issuance of a Notice to Proceed by the State.
- 1.3.4. The State does not require the Vendor to commence work prior to the Effective Date; however, if the Vendor commences work prior to the Effective Date and a Notice to Proceed, such work shall be performed at the sole risk of the Vendor. In the event that the Contract does not become effective, the State shall be under no obligation to pay the Vendor for any costs incurred or Services performed; however, if the Contract becomes effective, all costs incurred prior to the Effective Date shall be paid under the terms of the Contract.
- 1.3.5. Contract Negotiations and Unsuccessful Bidder Notice
 - 1.3.5.1. If a Vendor is selected, the State will notify the selected Vendor in writing of their selection and the State's desire to enter into contract discussions. Until the State successfully completes discussions with the selected Vendor, all submitted Proposals remain eligible for selection by the State. In the event contract discussions are unsuccessful with the selected Vendor, the evaluation team may recommend another Vendor.

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1.3.5.2. In accordance with New Hampshire Statutes [Chapter 21-G:37-a](#), no information shall be available to the public, the members of the general court or its staff, notwithstanding the provisions of [RSA chapter 91-A: Access to Governmental Records and Meetings](#), concerning specific responses to this RFP, from the time the RFP is made public until the Contract is actually awarded, in order to protect the integrity of the public procurement process. This means unsuccessful Vendors shall not be notified until after the Governor and Executive Council have approved the resulting Contract. No information can be provided to non-selected Vendor until after Contracts are awarded, at which time non-selected applicants may submit a written request for more information about the reasons for not being selected and recommendations that may make future applications more effective. Such requests are not considered appeals. Once an applicant has submitted a letter, the State will attempt to accommodate such requests within a reasonable time.

1.3.6. VENDOR ETHICS

From the time this RFP is published until a contract is awarded, no bidder shall offer or give, directly or indirectly, any gift, expense reimbursement, or honorarium, as defined by [RSA 15-B](#), to any elected official, public official, public employee, constitutional official, or family member of any such official or employee who will select, evaluate, or award the RFP. Any bidder that violates this section shall be subject to prosecution for an offense under [RSA 640:2](#). Any bidder who has been convicted of an offense based on conduct in violation of [RSA 21-G:38](#), which has not been annulled, or who is subject to a pending criminal charge for such an offense, shall be disqualified from bidding on this RFP and every such bidder shall be disqualified from bidding on any RFP or similar request for submission issued by any state agency.

1.4. Subcontractors

1.4.1. The Vendor shall identify all Subcontractors to be provided to deliver required Services subject to the terms and conditions of this RFP, including but not limited to, in Appendix H: *State of New Hampshire Terms and Conditions*, and Appendix H-25: *General Contract Requirements* herein.

1.4.2. The Vendor shall remain wholly responsible for performance of the entire Contract regardless of whether a Subcontractor is used. The State will consider the Vendor to be the sole point of contact with regard to all contractual matters, including payment of any and all charges resulting from any Contract.

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2. SCHEDULE OF EVENTS

The following table provides the Schedule of Events for this RFP through Governor and Council approval and Notice to Proceed.

EVENT	DATE	TIME
RFP released to Vendors (on or about)	Oct., 16, 2018	12:00 pm
Notification to the State of the number of representatives attending the (Mandatory or Optional) Vendor Conference	Oct. 23, 2018	2:00 pm
(Mandatory or Optional) Vendor Conference; location identified in Section 4.3: Vendor Conference	Oct. 18, 2018	9:00 am
Vendor Inquiry Period ends (final inquiries due)	Nov. 5, 2018	2:00 pm
Final State responses to Vendor inquiries	Nov. 13, 2018	2:00 pm
Final date for Proposal submission	Dec. 10, 2018	2:00 pm
Vendor Presentation & Demo (2 hours)	Dec. 17	8:30 am
Vendor Presentation & Demo (2 hours)	Dec. 17	1:00 pm
Vendor Presentation & Demo (2 hours)	Dec. 18	8:30 am
Selection / Notification	Dec. 19	10:00 am

3. SOFTWARE, REQUIREMENTS AND DELIVERABLES

3.1. Software

Each Proposal must present Software that can fully support the required functionality listed in Appendix C: *System Requirements and Deliverables*.

3.2. Requirements

3.2.1. Appendix B: *Minimum Standards for Proposal Consideration*, compliance with System requirements, use of proposed <COTS/SAAS> Software, Vendor Implementation experience, and proposed Project Team.

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- 3.2.2. Appendix C: *System Requirements and Deliverables*, for scope of work, requirements and Deliverables.
- 3.2.3. Appendix D: *Topics for Mandatory Narrative Responses* for Software, technical, Services and Project Management topics.
- 3.2.4. Appendix E: *Standards for Describing Vendor Qualifications* including Vendor corporate qualifications, team organization and key staff, Project Manager, and other key staff candidates' qualifications.

3.3. Deliverables

The State classifies Deliverables into three (3) categories: Written Deliverables, Software Deliverables, and Non-Software Deliverables. Pricing and scheduling information requirements for these Deliverables are provided in Appendix F: *Pricing Worksheets*. A set of required Deliverables as well as a list of Requirements for these Deliverables is detailed in Appendix C: *System Requirements and Deliverables*. Appendix D: *Topics for Mandatory Narrative Responses* solicits responses, which will expound on the Vendors' understanding of the Implementation process, the manner of Service delivery and experience with similar projects related to the Software, technical Services, and Project Management topics.

4. INSTRUCTIONS

4.1. Proposal Submission, Deadline, and Location Instructions

- 4.1.1. Proposals submitted in response to this RFP must be received by the Department, no later than the time and date specified in Section 2: *Schedule of Events*. Proposals must be addressed to:

STATE OF NEW HAMPSHIRE
Department of Health and Human Services
c/o Brian Owens
129 Pleasant St.
CONCORD, NEW HAMPSHIRE 03301

- 4.1.2. Cartons containing Proposals must be clearly marked as follows:

STATE OF NEW HAMPSHIRE
Department of Health and Human Services

RESPONSE TO
DHHS RFP 2019-043/RFP-2019-DPHS-19-DATAA

STATE OF NEW HAMPSHIRE
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4.1.3. Late submissions will not be accepted and will remain unopened.

Delivery of the Proposals shall be at the Vendors' expense. The time of receipt shall be considered when a Proposal has been officially documented by the Department, in accordance with its established policies, as having been received at the location designated above. The State accepts no responsibility for mislabeled mail. Any damage that may occur due to shipping shall be the Vendor's responsibility.

4.1.4. Vendors are permitted to submit only one (1) Proposal(s) in response to this RFP.

4.1.5. The State reserves the right to reject any and all Proposals and to waive informalities and minor irregularities in Proposals received and to accept any portion of a Proposal or all items bid if deemed in the best interest of the Secretary to do so.

4.1.6. All Proposals submitted in response to this RFP must consist of:

4.1.6.1. One (1) original and **seven (7)** clearly identified copies of the Proposal, including all required attachments,

4.1.6.2. One (1) copy of the *Proposal Transmittal Form Letter* (described in Section 4.18.2: *Transmittal Form Letter*, herein) shall be signed by an official authorized to legally bind the Vendor and shall be marked "ORIGINAL."

4.1.6.3. One (1) electronic copy on USB Flash Drive in MS WORD format.

4.1.7. The original and all copies shall be bound separately, delivered in sealed containers, and permanently marked as indicated above. A Vendor's disclosure or distribution of its Proposal other than to the State will be grounds for disqualification.

The cost Proposal must be labeled clearly and sealed separately from the main Proposal. Each cost Proposal (one (1) original and seven (7) copies must be bound separately.>

4.2. Proposal Inquiries

4.2.1. All inquiries concerning this RFP, including but not limited to, requests for clarifications, questions, and any changes to the RFP, shall be emailed, citing the RFP title, RFP number, page, section, and paragraph and submitted to the following RFP State Point of Contact:

Brian Owens

Department of Health and Human Services

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129 Pleasant St.

Concord, NH 03301

Telephone: 603-271-9634

Email: BRIAN.OWENS@DHHS.NH.GOV

4.2.2. During the Vendor Inquiry Period (see Section 2: Schedule of Events) Vendors are encouraged to submit questions via email; however, the State assumes no liability for assuring accurate/complete email transmission/receipt and is not responsible to acknowledge receipt.

4.2.3. Inquiries must be received by the RFP State Point of Contact (see above) no later than the conclusion of the Vendor Inquiry Period (see Section 2: *Schedule of Events*). Inquiries received later than the conclusion of the Vendor Inquiry Period shall not be considered properly submitted and may not be considered.

4.2.4. The State intends to issue official responses to properly submitted inquiries on or before the date specified in Section 2: *Schedule of Events*; however, this date may be subject to change at the State's discretion. The State may consolidate and/or paraphrase questions for sufficiency and clarity. The State may, at its discretion, amend this RFP on its own initiative or in response to issues raised by inquiries, as it deems appropriate. Oral statements, representations, clarifications, or modifications concerning the RFP shall not be binding upon the State. Official responses will be made in writing and posted as an addendum to the Department of Administrative Services website.

4.2.5. Restriction of Contact With State Employees

From the date of release of this RFP until an award is made and announced regarding the selection of a Vendor, all communication with personnel employed by or under Contract with the State regarding this RFP is forbidden unless first approved by the RFP State Point of Contact listed in Section 4.2: *Proposal Inquiries*. State employees have been directed not to hold conferences and/or discussions concerning this RFP with any Vendor during the selection process, unless otherwise authorized by the RFP State Point of Contact.

4.3. Vendor Conference

4.3.1. A non-mandatory Vendor Conference will be held at the following location on the date and at the time identified in Section 2: *Schedule of Events*:

Department of Health and Human Services

129 Pleasant St.

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- 4.3.2. All Vendors who intend to submit Proposals are encouraged to attend the Vendor Conference. Attendance by teleconference is permitted. Conference numbers will be emailed to registrants upon request. Vendors are requested to RSVP via email by the date identified in Section 2: *Schedule of Events*, indicating the number of individuals who will attend the Vendor Conference. Vendors are allowed to send a maximum number of 2 representatives.
- 4.3.3. Vendors will have an opportunity to ask questions about the RFP and the State will make a reasonable attempt to answer questions it deems appropriate. Questions may include, without limitation, a request for clarification of the RFP; a request for changes to the RFP; suggestions or changes to the RFP that could improve the RFP competition or lower the offered price; and to Review any applicable Documentation.
- 4.3.4. Vendors must email inquiries at least twenty-four (24) hours prior to the Vendor Conference. No responses will be given prior to the Vendor Conference. Oral answers will not be binding on the State. The State's final response to Vendor inquiries and any requested changes to terms and conditions raised during the Vendor Inquiry Period will be posted to the website by the date specified as the final State responses to Vendor inquiries as specified in Section 2: *Schedule of Events*. Vendors are responsible for any costs associated with attending the Vendor Conference.

4.4. Alteration of RFP

The original RFP document is on file with the State of New Hampshire, Department of Administrative Services. Vendors are provided an electronic version of the RFP. Any alteration to this RFP or any file associated with this RFP is prohibited. Any such changes may result in a Proposal being rejected.

4.5. RFP Addendum

The State reserves the right to amend this RFP at its discretion, prior to the Proposal submission deadline. Any addendum issued in response to the RFP will be posted to the Department of Administrative Services website. In the event of an Addendum to this RFP, the State, at its sole discretion, may extend the Proposal submission deadline, as it deems appropriate.

4.6. Non-Collusion

The Vendor's signature on a Proposal submitted in response to this RFP guarantees that the prices, terms and conditions, and Services quoted have been established without collusion with other Vendors and without effort to preclude the State from obtaining the best possible competitive Proposal.

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4.7. Validity of Proposal

Proposals must be valid for one hundred and eighty (180) days following the deadline for submission of Proposals in Section 2: *Schedule of Events*, or until the Effective Date of any resulting Contract.

4.8. Property of the State

All material received in response to this RFP shall become the property of the State and will not be returned to the Vendor. Upon Contract award, the State reserves the right to use any information presented in any Proposal.

4.9. Confidentiality of a Proposal

A Proposal must remain confidential until the Effective Date of any resulting Contract as a result of this RFP. A Vendor's disclosure or distribution of Proposals other than to the State will be grounds for disqualification.

4.10. Public Disclosure

4.10.1. Subject to applicable law or regulations, the content of each Vendor's Proposal shall become public information upon the Effective Date of any resulting Contract.

4.10.2. Any information submitted as part of a response to this Request for Proposal (RFP) may be subject to public disclosure under [RSA chapter 91-A: Access to Governmental Records and Meetings](#). In addition, in accordance with [RSA chapter 21-G:37: Financial Information Regarding Requests for Bids and Proposals](#), any Contract entered into as a result of this RFP will be made accessible to the public online via the website Transparent NH (<http://www.nh.gov/transparentnh/>). Accordingly, business financial information and proprietary information such as trade secrets, business and financials models and forecasts, and proprietary formulas may be exempt from public disclosure under [RSA chapter 91-A:5, IV: Exemptions](#). If you believe any information being submitted in response to a Request for Proposal, bid or information should be kept confidential as financial or proprietary information; you must specifically identify that information in a letter to the agency, and should mark/stamp the materials as such. Marking of the entire Proposal or entire sections of the Proposal (e.g. pricing) as confidential will neither be accepted nor honored. Notwithstanding any provision of this RFP to the contrary, Vendor pricing will be subject to disclosure upon approval of the Contract by Governor and Council.

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4.10.3. Generally, each Proposal shall become public information upon the approval of Governor and Council of the resulting Contract, as determined by the State, including but not limited to, [RSA chapter 91-A: Access to Governmental Records and Meetings](#) (Right to Know Law). The State will endeavor to maintain the confidentiality of portions of the Proposal that are clearly and properly marked confidential. If a request is made to the State to view portions of a Proposal that the Vendor has properly and clearly marked confidential, the State will notify the Vendor of the request and of the date and the State plans to release the records. A designation by the Vendor of information it believes exempt does not have the effect of making such information exempt. The State will determine the information it believes is properly exempted from disclosure. By submitting a Proposal, Vendors agree that unless the Vendor obtains a court order, at its sole expense, enjoining the release of the requested information, the State may release the requested information on the date specified in the State's notice without any liability to the Vendors.

4.11. Security

4.11.1. The State must ensure that appropriate levels of security are implemented and maintained in order to protect the integrity and reliability of its Information Technology resources, information, and services. State resources, information, and services must be available on an ongoing basis, with the appropriate infrastructure and security controls to ensure business continuity and safeguard State networks, Systems and Data.

4.11.2. The State will evaluate the degree to which the proposed System is designed and architected to ensure the confidentiality and integrity of its valued asset, Data.

4.12. Non-Commitment

Notwithstanding any other provision of this RFP, this RFP does not commit the State to award a Contract. The State reserves the right, at its sole discretion, to reject any and all Proposals, or any portions thereof, at any time; to cancel this RFP; and to solicit new Proposals under a new acquisition process.

4.13. Proposal Preparation Cost

By submitting a Proposal, a Vendor agrees that in no event shall the State be either responsible for or held liable for any costs incurred by a Vendor in the preparation of or in connection with the Proposal, or for work performed prior to the Effective Date of a resulting Contract.

4.14. Oral Presentations/Interviews and Discussion

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The State reserves the right to require Vendors to make oral presentations of their Proposals and/or to make available for oral presentations/interviews the IT consultants proposed to implement the COTS/SAAS application. All costs associated with oral presentations/interviews shall be borne entirely by the Vendor. Vendors may be requested to provide demonstrations of their proposed Systems as part of their presentations.

4.15. Required Contract Terms and Conditions

By submitting a Proposal, the Vendor agrees that the State of New Hampshire terms and conditions, contained in Appendix H: *State of New Hampshire Terms and Conditions* herein, shall form the basis of any Contract resulting from this RFP. In the event of any conflict between the State's terms and conditions and any portion of the Vendor's Proposal, the State's terms and conditions shall take precedence and supersede any and all such conflicting terms and conditions contained in the Vendor's Proposal.

4.16. Proposal Format

Proposals should follow the following format:

- 4.16.1.1. The Proposal should be provided in a three-ring binder.
- 4.16.1.2. The Proposal should be printed on white paper with dimensions of 8.5 by 11 inches with right and left margins of one (1) inch.
- 4.16.1.3. The Proposal should also be submitted electronically via CD.
- 4.16.1.4. The Proposal should use Times New Roman font with a size no smaller than eleven (11).
- 4.16.1.5. Each page of the Proposal should include a page number and the number of total pages and identification of the Vendor in the page footer.
- 4.16.1.6. Tabs should separate each section of the Proposal.
- 4.16.1.7. Exceptions for paper and font sizes are permissible for: graphical exhibits, which may be printed on white paper with dimensions of 11 by 17 inches; and material in appendices.

4.17. Proposal Organization

Proposals should adhere to the following outline and should not include items not identified in the outline.

- 4.17.1. Cover Page
- 4.17.2. Transmittal Form Letter
- 4.17.3. Table of Contents

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- 4.17.4. Section I: Executive Summary
- 4.17.5. Section II: Glossary of Terms and Abbreviations
- 4.17.6. Section III: Responses to Requirements and Deliverables
- 4.17.7. Section IV: Narrative Responses
- 4.17.8. Section V: Corporate Qualifications
- 4.17.9. Section VI: Qualifications of key Vendor staff
- 4.17.10. Section VII: Cost Proposal
- 4.17.11. Section VIII: Copy of the RFP and any signed Addendum (a) -
<required in original Proposal only>
- 4.17.12. Section IX: Appendix
- 4.18. Proposal Content
 - 4.18.1. Cover Page
 - 4.18.1.1. The first page of the Vendor's Proposal should be a cover page containing the following text:

STATE OF NEW HAMPSHIRE

DEPARTMENT OF HEALTH AND HUMAN SERVICES

RESPONSE TO DHHS RFP 2019-043/RFP-2019-DPHS-19-DATAA
DATA ANALYTICS PLATFORM FOR OPIOID CRISIS
 - 4.18.1.2. The cover page should also include the Vendor's name, contact person, contact telephone number, address, city, State, zip code, fax number, and email address.
 - 4.18.2. Transmittal Form Letter

The Vendor must submit signed Transmittal Form Letter with their response using the Transmittal Form Letter Template provided herewith. Any electronic alteration to this Transmittal Form Letter is prohibited. Any such changes may result in a Proposal being rejected.

Remainder of this page intentionally left blank

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State of New Hampshire Proposal Transmittal Form Letter

Company

Name _____

Address _____

To: NH DHHS State Point of Contact: BRIAN OWENS

Telephone 603-271-9634

Email: BRIAN.OWENS@DHHS.nh.gov

RE: Proposal Invitation Name: DATA ANALYTICS PLATFORM FOR OPIOID CRISIS

Proposal Number: 2019-043/RFP-2019-DPHS-19-DATAA

Proposal Due Date and Time: <MONTH- DAY- YEAR> AT <TIME>

Dear Sir:

Company Name: _____ hereby offers to sell to the State of New Hampshire the Services indicated in RFP NH DHHS RFP 2019-043/RFP-2019-DPHS-19-DATAA DATA ANALYTICS PLATFORM FOR OPIOID CRISIS at the price(s) quoted in Vendor Response Section VII: *Cost Proposal*, and Appendix F: *Pricing Worksheets*, in complete accordance with all conditions of this RFP and all Specifications set forth in the RFP and in the State of New Hampshire Terms and Conditions outlined in RFP Appendix H: *State of New Hampshire Terms and Conditions*.

Company Signor: _____ is authorized to legally obligate

Company Name: _____.

We attest to the fact that:

The company has reviewed and agreed to be bound by all RFP terms and conditions including but not limited to Appendix H: *State of New Hampshire Terms and Conditions*, which shall form the basis of any Contract resulting from this RFP; No new terms and conditions have been added and no existing terms and conditions have been deleted in this RFP Proposal.

The Proposal is effective for a period of 180 days or until the Effective Date of any resulting Contract.

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The prices quoted in the Proposal were established without collusion with other eligible Vendors and without effort to preclude the State of New Hampshire from obtaining the best possible competitive price; and

The Vendor has read and included a copy of RFP-2019-043/RFP-2019-DPHS-19-DATAA and any subsequent signed Addendum (a).

Our official point of contact is

Title

Telephone _____ Email _____

Authorized Signature Printed

Authorized Signature

4.18.3. Table of Contents

The Vendor must provide a table of contents with corresponding page numbers relating to its Proposal. The table of contents must conform to the outline provided in Section 4.17: *Proposal Organization*, but should provide detail, e.g., numbering, level of detail.

4.18.4. Section I: Executive Summary

The executive summary, which must not exceed five (5) pages, must identify how the Vendor satisfies the minimum standards for consideration, which are described in Appendix B: *Minimum Standards for Proposal Consideration*, to this Request for Proposals. The executive summary will also provide an overview of the Vendor's proposed Solution and Services. Vendors are encouraged to highlight those factors that they believe distinguish their Proposal.

4.18.5. Section II: Glossary of Terms and Abbreviations

The Vendor must provide a glossary of all terms, acronyms, and abbreviations used in its Proposal.

4.18.6. Section III: Responses to System Requirements and Deliverables

4.18.6.1. System requirements are provided in Appendix C: *System Requirements and Deliverables*.

4.18.6.2. Using the response tables in Appendix C: *System Requirements and Deliverables*, the Vendor must document the ability to meet the Requirements and Deliverables of this RFP.

4.18.7. Section IV: Narrative Responses

Section IV solicits narrative responses describing the Software, Technical, Services and Project Management topics defined for this RFP Project. Appendix D: *Topics for Mandatory Narrative Responses* is organized into sections, which correspond to the different deliverables and aspects of the scoring process of the Proposal. Discussion of each topic must begin on a new page.

4.18.8. Section V: Corporate Qualifications

Section V should provide corporate qualifications of all firms proposed to participate in the Project. Specific information to be provided is described in Appendix E: *Standards for Describing Vendor Qualifications* - Section E-1: *Required Information on Corporate Qualifications*.

4.18.9. Section VI: Qualifications of key Vendor staff

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This Proposal section must be used to provide required information on key Vendor staff. Specific information to be provided is described in Appendix E: *Standards for Describing Vendor Qualifications* - Sections: E-2: *Team Organization and Designation of Key Vendor Staff*; E-3: *Candidates for Project Manager*; and E-4: *Candidates for Key Vendor Staff Roles*.

4.18.10. Section VII: Cost Proposal

The Cost Proposal must describe the proposed cost of the Vendor Proposal based on and reflected by the inclusion of the completed tables listed in Appendix F: *Pricing Worksheets*;

NOTE: *Section VII Cost Proposal, must become public information and as such shall not be made confidential or proprietary. Proposals submitted with all or part of the Section VII labeled confidential or proprietary shall not be considered response and shall not be accepted.*

4.18.11. Section VIII: Copy of the RFP and any signed Addendum (a)

NOTE: Required in original Proposal only.

4.18.12. **SECTION IX: APPENDIX-** This section provided for extra materials as referenced in Appendix D: *Topics for Mandatory Narrative Responses* such as Product Literature, Ad Hoc/Federal Reporting, Interface Standards, Testing (For UAT Plan) and Status Meetings and Reports.

Remainder of this page intentionally left blank

5. PROPOSAL EVALUATION PROCESS

5.1. Scoring Proposals

- 5.1.1. Each Proposal will be evaluated and considered with regard to the Solution and Services proposed, qualifications of the Vendor and any Subcontractors, experience and qualifications of proposed candidates, and cost.
- 5.1.2. If the State, determines to make an award, the State will issue an intent to award notice to a Vendor based on these evaluations. Should the State be unable to reach agreement with the selected Vendor during Contract discussions, the State may then undertake Contract discussions with the second preferred Vendor and so on. Such discussions may continue at the sole option of the State, until an agreement is reached, or all Proposals are rejected.
- 5.1.3. The State will use a scoring scale of **1000** points, which shall be applied to the Solution as a whole. Points will be distributed among the following factors:
 - 5.1.3.1. 200 points – Proposed Software Solution;
 - 5.1.3.2. 250 points – Vendor's Technical, Service and Project Management Experience;
 - 5.1.3.3. 100 points – Vendor Company;
 - 5.1.3.4. 200 points – Staffing Qualifications;
 - 5.1.3.5. 250 points – Solution Cost (Rates and Pricing); and
 - 5.1.3.6. 1000 points – Total Possible Score.

5.2. Rights of the State in Evaluating Proposals

The State reserves the right to:

- 5.2.1. Consider any source of information including but not limited to: State employees, Internet research and rating agencies, in evaluating Proposals;
- 5.2.2. Omit any planned evaluation step if, in the State's view, the step is not needed;
- 5.2.3. At its sole discretion, reject any and all Proposals at any time; and
- 5.2.4. Open Contract discussions with the second highest scoring Vendor, if the State is unable to reach an agreement on Contract terms with the highest scoring Vendor.

5.3. Planned Evaluations

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The State plans to use the following process:

- 5.3.1. Initial screening;
- 5.3.2. Preliminary scoring of the Proposals;
- 5.3.3. Oral interviews and product demonstrations; and
- 5.3.4. Final evaluation of Proposals.

5.4. Initial Screening

The State will conduct an initial screening step to verify Vendor compliance with submission requirements and to confirm that the Proposal satisfies the conditions defined in Appendix B: *Minimum Standards for Proposal Consideration*. A Proposal that fails to satisfy either submission requirements or minimum standards may be rejected without further consideration.

5.4.1. Preliminary Scoring of Proposals

The State will establish an evaluation team to initially score Proposals and conduct reference checks.

5.4.2. Oral Interviews and Product Demonstrations

Preliminary scores from the initial evaluation of the Proposals will be used to select Vendors to invite to oral interviews and product demonstrations.

5.4.2.1. The purpose of oral interviews and product demonstrations is to clarify and expound upon information provided in the written Proposals. Vendors are prohibited from altering the basic substance of their Proposals during the oral interviews and product demonstrations.

5.4.2.2. For each invited Vendor, the oral interview and product demonstrations will be two (2) hours in length. A highly structured agenda will be used for oral interviews and product demonstrations to ensure standard coverage of each invited Vendor. Information gained from oral interviews and product demonstrations will be used to refine scores assigned from the initial review of the Proposals.

5.4.3. Best and Final Offer

The State will not be requesting a Best and Final Offer.

5.4.4. Final Evaluation

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The State will conduct final evaluations as a culmination of the entire process of reviewing Vendor Proposals and information gathering. Reference and background checks will be made for finalist or finalists as appropriate. After making a preliminary determination of award or awards, the State reserves the right to conduct site visits to a Vendor location and/or government site(s) that utilizes the Vendor Software.

5.5. Scoring Detail

The State will select a Vendor based upon the criteria and standards contained in this RFP.

5.5.1. Scoring of the Proposed Software Solution

5.5.1.1. The Vendor's Proposed Software Solution will be allocated a maximum score of (200) points. The main purpose of this section is to measure how well the Solution meets the business needs of the Agency. The contribution of scoring team members representing all stakeholders will be critical in this section.

5.5.1.2. Factors include but are not limited to:

5.5.1.3. Vendors must include a proposed architecture for the DAP, which integrates data from source systems and meets, or exceeds, the following minimal requirements:

5.5.1.3.1. Provides a framework for organization of data, information management and technology systems required to build and implement the system,

5.5.1.3.2. Allows for data components of the architecture to include internal and external sources of structured and unstructured data users require to analyze the opioid crisis,

5.5.1.3.3. Includes data integration, data cleansing and the development and implementation of data dimensional rules,

5.5.1.3.4. Describes the conceptual and logical technology components required to present information to users and enable them to analyze the data and its impacts,

5.5.1.3.5. Allows for the ability to drill down on report data to varying layers of detail,

5.5.1.3.6. Allow for the extraction of patterns and knowledge from large amounts of data,

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- 5.5.1.3.7. Provide predictive analysis, based upon data,
- 5.5.1.3.8. Provides browser-based solution to support all major browsers.
- 5.5.1.4. Software Architecture –
 - 5.5.1.4.1. Consider the following statistics and growth assumptions as baseline requirements for the formulation of their proposal to the State and sizing of all technical elements (e.g., servers, storage, networking, software) that are required to deliver the system to the state.
 - 5.5.1.4.2. Specify all equipment (if any) required for the development and operations of the solutions and requirements defined in this RFP. The equipment will be comprised of industry standard and readily available components. Define all requirements and provide a Bill of Materials for all items that will be ordered and implemented upon review and agreement by the Department
 - 5.5.1.4.3. The overall infrastructure and equipment must be sized in accordance with planned use and be inclusive of all hardware, storage, networking, backup/restore, database, file system, monitors and other items as required to comprehensively support development and ongoing operations for all required environments.
- 5.5.1.5. **Application** – <NOTE: Is there a user group for the application? How long has it been in operation? What is its market share? Is cost of upgrade shared by user groups or the sole responsibility of the State? Is this included with the cost of Software Maintenance? How are future upgrades determined? These and other factors will help the State to understand the costs and opportunities of using this Software in the future. >
- 5.5.1.6. **Features** – <NOTE: How well does the Solution do the things the System needs to do? >
- 5.5.1.7. **Compatibility with State Systems** – <NOTE: The degree to which the System uses technologies similar to other State systems, ease of System modification, integration and data storage. >

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- 5.5.1.8. **User Friendliness/Usability and Efficiency** – <NOTE: How quickly can users perform a needed task? How easy is it to learn, is it intuitive? Is its navigation and interface similar to other Software used? How steep is the learning curve? >
- 5.5.1.9. Criteria for these scores will be found in but are not limited to:
 - 5.5.1.9.1. Proposal Section III: Responses to Requirements and Deliverables
 - 5.5.1.9.2. Attachment C-2: Requirements <NOTE: particularly business requirements>
 - 5.5.1.9.3. Proposal Section IV: Narrative Responses
 - 5.5.1.9.4. Vendor Presentation and Demonstration
- 5.5.2. Scoring of Vendor Technical, Service, and Project Management Proposal
 - 5.5.2.1. Vendor proposed Services will be allocated a maximum score of **(250)** points. <NOTE: In this section the State will score the technical merits of how the Vendor proposes to carry out the implementation and maintain the Solution. The Implementation of the Solution will require the Vendor to customize or configure the application to meet the requirements of the State, monitor and ensure its operation throughout the Warranty Period and, if maintenance is to be provided, to be a partner in the Solution's operation throughout its useful life. Technical details of the System, administrative procedures, how the Vendor manages its team, the Project and the technical environment will be critical. How compatible the Vendor's procedures and technologies are with the State contribute to an assessment of risk both in the short and long term.>
 - 5.5.2.2. Factors include but are not limited to:
 - 5.5.2.3. **Protection of Data** – <NOTE: The degree to which continuous operations are insured against unexpected problems.>
 - 5.5.2.4. **Compatibility with State IT Expertise and Training Approach** – < NOTE: What is the degree to which the System uses technologies which may be supported by State personnel.>

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- 5.5.2.5. **Project Execution** – < NOTE: Do company procedures facilitate: communication with the State, the early discovery and resolution of problems, efficient and effective operation through Implementation and an effective support structure of the System.>
- 5.5.2.6. **Project Management Competence** – < NOTE: Administrative, management quality control and oversight.>
- 5.5.2.7. **Ongoing Operations** – < NOTE: Post warranty operation and support.>
- 5.5.2.8. Criteria for these scores will be found in but are not limited to:
 - 5.5.2.8.1. Proposal Section III: Responses to Requirements and Deliverables
 - 5.5.2.8.2. Proposal Section IV: Narrative Responses
 - 5.5.2.8.3. Attachment C-2: Requirements
 - 5.5.2.8.4. Proposed Work Plan
 - 5.5.2.8.5. References
- 5.5.3. Scoring of Vendor Company
 - 5.5.3.1. Vendor Company qualifications will be allocated a maximum score of (100). It must be established that the Vendor Company is capable of carrying out the Project through Implementation, the Warranty Period and the maintenance period.
 - 5.5.3.2. Factors include but are not limited to:
 - 5.5.3.2.1. **How long in business** – <NOTE: A proven track record of operation for a number of years that the company will continue to support the System>.
 - 5.5.3.2.2. **How many years' experience with this product** – <NOTE: Demonstrated competence in working with the proposed product or Technology.>
 - 5.5.3.2.3. **Bench Strength and support structures** – <NOTE: The State will consider the depth of required technical skill within the company as well as the Vender's plan for knowledge transfer to State staff.>

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- 5.5.3.2.4. **References** – <NOTE: The measure of a company's worth is more accurate when made by a third party that has collaborated with the Vendor on a similar Project.>
- 5.5.3.2.5. **Litigation** – <NOTE: The relevance of involvement of the company in litigation will be considered.>
- 5.5.3.2.6. **Financial Strength** – <NOTE: Financial strength when measured by financial statements or a rating company is an indication of the company's ability to operate long term and through unexpected problems.>
- 5.5.3.2.7. Criteria for these scores will be found in but are not limited to:
 - 5.5.3.2.7.1. Proposal Section V: Corporate Qualifications
 - 5.5.3.2.7.2. Vendor Presentations
 - 5.5.3.2.7.3. References
 - 5.5.3.2.7.4. Financial Information

5.5.4. Scoring of Vendor Staffing Qualifications

- 5.5.4.1. Vendor Staff must have the training and experience to support the Vendor companies plans to implement and support the System. Vendor Company qualifications will be allocated a maximum score of (200)
- 5.5.4.2. Factors include but are not limited to:
 - 5.5.4.2.1. **Staff Training** – <NOTE: Staff must have relevant training to carry out the Project.>
 - 5.5.4.2.2. **Staff Certifications** – < NOTE: Staff may require specific Certification to support and configure needed equipment and Software.>
 - 5.5.4.2.3. **Staff Experience** – <Training and certification is important but experience with similar Projects will be a major contributor to a smooth Implementation.>

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5.5.4.2.4. **Size and composition of Vendor Team** – <Are there sufficient staff resources and sufficient qualifications and experience within the Vendor team to carry out the Project?>

5.5.4.2.5. Criteria for these scores will be found in but are not limited to:

5.5.4.2.5.1. Proposal Section V: Corporate Qualification

5.5.4.2.5.2. Proposal Section VI: Qualifications of Key Staff

5.5.4.2.5.3. Vendor Presentations

5.5.4.2.5.4. References

5.5.5. Scoring the Software Solution Cost

5.5.5.1. Vendor proposed Software Solution cost will be allocated a maximum score of (250) points. The State will consider the implementation services costs, provided in Tables F-1: *Activities/Deliverables/Milestones Pricing Worksheet*, F-4: *Software Licensing, Maintenance, and Support Pricing Worksheet* and, if appropriate, F-5: *Web Site Hosting, Maintenance, and Support Pricing Worksheet*. The cost information required in a Proposal is intended to provide a sound basis for comparing costs.

<NOTE: THE FOLLOWING FORMULA WILL BE USED TO ASSIGN POINTS FOR COSTS:>

<NOTE: VENDOR'S COST SCORE= (LOWEST PROPOSED COST / VENDOR'S PROPOSED COST) TIMES

NUMBER OF MAXIMUM POINTS FOR SOLUTION COSTS DEFINED IN SECTION 5.1: SCORING PROPOSALS.>

<NOTE: FOR THE PURPOSE OF THIS FORMULA, THE LOWEST PROPOSED COST IS DEFINED AS THE LOWEST COST PROPOSED BY A VENDOR WHO FULFILLS THE MINIMUM QUALIFICATIONS.>

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APPENDIX A: BACKGROUND INFORMATION

1. A-1 Health and Human Services

- 1.1. The Health and Human Services is responsible for the health, safety and well-being of the citizens of New Hampshire. DHHS provides services for individuals, children, families and seniors, and administers programs and services such as mental health, developmental disability, substance abuse, and public health.
- 1.2. The mission of the Health and Human Services is to join communities and families in providing opportunities for citizens to achieve health and independence
- 1.3. Project Overview/Justification
- 1.4. In addition to the Project Overview section included in the Introduction the Goals and Objectives for CORbi:
 - 1.4.1. Implement a Data Governance and Analytic Strategy to focus the organizations resources (human and funding) to increase the availability of information for informed decision making.
 - 1.4.2. Automate and consolidate disparate information systems to provide a single place for the citizens of New Hampshire to visually obtain information surrounding the Opioid crisis.

2. A-2 Department of Information Technology and Technology Status

The Project will be conducted in cooperation with the New Hampshire Department of Information Technology (DoIT). DoIT coordinates the statewide Information Technology activities.

2.1. A-2.1 Technical Architecture

Components of the State's technical architecture include:

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- 2.1.1. State Network Environment: The State of New Hampshire operates a Metropolitan-Area-Network (MAN) in the City of Concord, NH using a combination of leased and owned fiber optic cable. State of New Hampshire locations outside of the Concord, NH main facility are connected via multiple wide-area networks using various technologies including Carrier Ethernet Services, Microwave Wireless and VPN Tunnels over the Internet. State Agency Networks have varying levels of integration and connectivity to the statewide core for resource sharing and centralized administration by the Department of Information Technology (DoIT). State agencies connect to the State's central core network location in Concord to facilitate access to e-mail, the Internet, and the State's financial applications. Direct support is provided for twenty-one partner agencies; other State agencies support their own networks, out-source the support, or use the resources of another agency.
- 2.1.2. Internet Access: The State of New Hampshire has purchased thru ARIN its own External IP Address Range and Autonomous System Number. The State advertises its External IP Space and Autonomous System Number to two different Internet Service Providers so as to provide failover in the event of a single ISP network failure.
- 2.1.3. The State uses VMWare for Windows server virtualization and virtual hosts are deployed at two separate State campus sites. VMWare provides a highly scalable and high availability environment for the State's many Agencies. If a virtual host fails, VMWare automatically fails over all of the virtual servers on that host to another host. The EMC NetWorker product is used to manage backups for this environment utilizing Data Domain as the disk to disk repository.
- 2.1.4. For the State's Oracle enterprise systems, an Oracle/Linux Solution (OVM) is used for the virtual environment. Similar to the windows environment, this Solution provides a highly scalable and high availability environment and also utilizes the EMC NetWorker and Data Domain backup Solution. Data Domain is also employed to meet the backup requirements within OVM.
- 2.1.5. The state's current Enterprise Business Intelligence platform consists of Oracle, Informatica PowerCenter Advanced Edition, Informatica Data Quality Standard Edition, and Tableau.

2.2. A-2.2 Future Systems Environment

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- 2.2.1. Future design and development efforts should conform to the emerging environment as defined by current information technology initiatives, the New Hampshire Statewide Strategic Information Technology Plan, and the State's e-Government Architecture Plan.
- 2.2.2. This environment is end user centric, utilizing the Internet and Web whenever possible, promoting electronic transactions, and centralized common services (security, e-payment, content search), where possible.

3. A-3 Related Documents Required

Vendors are NOT required to submit these certificates with their Proposal. Vendors will be required to be a registered company in New Hampshire. The certificates will be requested from the selected Vendor prior to Contract approval.

- 3.1. Certificate of Good Standing/Authority (Appendix G-3–Item A) dated after April of the current year and available from the Department of State by calling (603) 271-3244 or (603) 271-3246. Forms are also available on: <http://sos.nh.gov/formslaws.aspx>
- 3.2. Certificate of Vote (Appendix G-3-Item B)
- 3.3. Proof of Insurance compliant with Appendix H: *State of New Hampshire Terms and Conditions*.

4. A-4 State Project Team

State high-level staffing for the Project will include:

- Project Sponsor;
- State Project Manager;
- State IT Manager;
- Technical Support Team;
- Business Process Owners; and
- User Acceptance Testing Team.

4.1. A-4.1 Project Sponsor

The Project Sponsor, Lisa Morris and Katja Fox, will be responsible for securing financing and resources, addressing issues brought to his attention by the State Project Manager, and assisting the State Project Manager in promoting the Project throughout the State. The Project Sponsor or an appropriate designee will be available to resolve issues on a timely basis.

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4.2. A-4.2 State Project Manager

The State Project Manager from the Health and Human Services Project Management Office Project, will be responsible for everything that the Project does or fails to do, and has the primary responsibility for seeing to the Project's success.

- 4.2.1. The State Project Manager for Health and Human Services, will be responsible for working with the Health and Human Services staff, State IT Manager, and the Vendor to ensure appropriate execution of the contract. The State Project Manager will be primary point of contract for the Vendor and business user and will interact with the Vendor to address questions or concerns encountered by users as they arise.

Primary Responsibilities include:

- 4.2.1.1. Leading the Project;
- 4.2.1.2. Promoting the Project statewide;
- 4.2.1.3. Developing Project strategy and approach;
- 4.2.1.4. Engaging and managing all Vendors;
- 4.2.1.5. Managing significant issues and risks; and
- 4.2.1.6. Managing stakeholders' concerns.

4.3. A-4.3 State IT Manager –

The State IT Manager will provide IT support to the State Project Manager and be the liaison for State IT requirements.

4.4. A-4.4 State technical support team

The State's Technical Support Team supports the current Safety Database tracking software. During this project this team will serve as subject matter experts and will be heavily involved in early planning and design activities for the System Tracking replacement environment.

Primary responsibilities include:

- 4.4.1. Supporting the project as a technical resource and subject matter expert;
- 4.4.2. Assisting with data conversion planning and design;
- 4.4.3. Assisting with data clean-up prior to conversion; and
- 4.4.4. Assisting in the development of system security, operational support models, and system architecture planning activities.

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4.5. A-4.5 Business Process Owners

The State's Business Process Owners will serve as subject matter experts and will be heavily involved throughout all aspects of the implementation.

Primary responsibilities include:

- 4.5.1. Participate in gap analysis work sessions;
- 4.5.2. Serve as subject matter experts in regard to the current system and existing business processes;
- 4.5.3. Help define "to be" business processes;
- 4.5.4. Active involvement in testing activities; and
- 4.5.5. Serve as liaisons between business operational departments and the Vendor's project team.

4.6. A-4.6 User Acceptance Testing (UAT) Team

N/A

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APPENDIX B: MINIMUM STANDARDS FOR PROPOSAL CONSIDERATION

A Proposal that fails to satisfy the requirements in this section may be rejected without further consideration.

1. B-1 Submission requirements

- 1.1. The Proposal is date and time stamped before the deadline as defined in Section 2: *Schedule of Events*. The Vendor has sent the proper number of copies with the original version of the Proposal marked "ORIGINAL" and the copies marked "COPY" as defined in Section 4.1: *Proposal Submission, Deadline, and Location Instructions*.
- 1.2. The original Proposal includes a signed Transmittal Letter accepting all terms and conditions of the RFP without exception.
- 1.3. The proposed escrow agreement shall be submitted with the Vendor's Proposal for Review by the State.

2. B-2 Compliance with System Requirements

System requirements and Deliverables are listed in Appendix C: *System Requirements and Deliverables* in this RFP. The proposed Vendor's Solution must be able to satisfy all mandatory requirements listed.

3. B-3 Current Use of Vendor Proposed Software – Current Implemented Sites of Vendor proposed Software or Solution <NOTE: IF APPLICABLE>

Components that constitute the Vendor's proposed Software or Solution suite must be fully implemented and Operational in at least three (3) government entities comparable in size and complexity to the State of New Hampshire within the last four (4) years. The specific Vendor proposed Software version and functionality must be described.

4. **B-4 Vendor Implementation Service Experience** The Implementation Vendor must have completed the Vendor proposed Software or Solution Implementation for at least <three> (3) government clients comparable in size and complexity to the State of New Hampshire within the last <four> (4) years. The specific Vendor proposed Software or solution must be described.

5. B-5 Proposed Project Team

The proposed Project Team must include individuals with substantial experience in:

- 5.1. Each of the disciplines relating to his or her stated project role.

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- 5.2. Implementing a system that meets the requirements outlined in this RFP.
- 5.3. The discipline of effective Agile Project Management.
- 5.4. The discipline of effective risk and issue management.
- 5.5. The discipline of data analysis, data mining, data modeling, data visualization, analytics and statistical analysis for like solutions.
- 5.6. The discipline of predictive and statistical analysis.
- 5.7. Operational support of government entities comparable in size and complexity.
- 5.8. Successful system roll-out.
- 5.9. Compliance with <Regulations or Publications etc.>
- 5.10. Effective use of software change management best practice.
- 5.11. Effective use of defect tracking tools that allow for reporting on test results.
- 5.12. System modification in order to satisfy unique needs of the Health and Human Services in New Hampshire.
- 5.13. Data privacy, data suppression (e.g. The discipline of data analysis, data mining, data modeling, data visualization, data privacy, data suppression, analytics and statistical analysis for like solutions.)
- 5.14. For the purpose of evaluating compliance with this requirement, the Vendor team is permitted to include Subcontractors.

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APPENDIX C: SYSTEM REQUIREMENTS AND DELIVERABLES

APPENDIX C: SYSTEM REQUIREMENTS AND DELIVERABLES

1. C-1 SCOPE OF WORK

See Section 1.1 Project Overview

2. C-2 REQUIREMENTS

Vendors shall complete the requirements checklist (Table C-2 General Requirements Vendor Response Checklist). Table C-2 is included as an attachment to RFP 2019-043.

3. C-3 DELIVERABLES

Vendors shall complete the response checklist Table C-3 Deliverables Vendor Response Checklist.

3.1. Table C-3 Deliverables Vendor Response Checklist

Reference	Activity, Deliverable, or Milestone	Deliverable Type	Projected Delivery Date
PLANNING AND PROJECT MANAGEMENT			
1	Conduct Project Kickoff Meeting	Non-Software	
2	Project Status Reports	Written	
3	Work Plan	Written	
4	Infrastructure Plan, including Software and Hardware requirements	Written	
5	Security Plan	Written	
6	Communications and Change Management Plan	Written	
7	Agile Project Management Plan	Written	
9	Systems Interface Plan and Design/Capability	Written	

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10	Testing Plan	Written	
11	Data Conversion Plan and Design	Written	
12	Deployment Plan	Written	
13	Comprehensive Training Plan and Curriculum	Written	
14	End User Support Plan	Written	
16	Documentation of Operational Procedures	Written	
INSTALLATION			
17	Provide Software Licenses if needed	Written	
18	Provide Fully Tested Data Conversion Software or solution	Software	
19	Provide Software Installed, Configured, and Operational to Satisfy State Requirements	Software	
TESTING			
20	Conduct continuous integration and continuous delivery testing plan	Non-Software	
22	Perform Production Tests	Non-Software	
23	Test In-Bound and Out-Bound Interfaces	Software	
24	Conduct System Performance (Load/Stress) Testing	Non-Software	
25	Certification of 3 rd Party Pen Testing and Application Vulnerability Scanning.	Non-Software	
SYSTEM DEPLOYMENT			

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26	Converted Data Loaded into Production Environment	Software	
28	Conduct Training	Non-Software	
29	Cutover to New Software and solution	Non-Software	
30	Provide Documentation	Written	
31	Execute Security Plan	Non-Software	
OPERATIONS			
32	Ongoing Hosting Support if applicable	Non-Software	
33	Ongoing Support & Maintenance if applicable	Software	
34	Conduct Project Exit Meeting	Non-Software	

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APPENDIX D: TOPICS FOR MANDATORY AND NARRATIVE RESPONSES

APPENDIX D: TOPICS FOR MANDATORY NARRATIVE RESPONSES

This section provides a series of technical topics that the State of New Hampshire will consider in selecting a Solution for the Data Analytics Platform for Opioid Crisis. Vendors must limit narrative responses describing the Software, Technical, Services and Project Management topics defined for this Project. The following table identifies specific topics for narratives. A page limit is identified for each topic. If a response to a topic exceeds the page limit, the State will limit its consideration to the prescribed page limit.

This section provides a series of topics related to the proposed Software Solution described in RFP.

Topic	Page Limit
D-1 Proposed Software Solution	
Topic 1 – Description of Solution	10
Topic 2 – Software Architecture	7
Topic 3 – Data Governance and Management	10
Topic 4 – User Friendliness and Usability	10
Topic 5 – IT Standards	2
Topic 6 – Data Import/Export and Migration	7
D-2 Technical, Services and Project Management Experience	
<i>D-2.1 Security and Protection of Data</i>	
Topic 7 – System Security	10
Topic 8 – Backup and Recovery	2
Topic 9 – Assurance of Business Continuity	3
Topic 10 – Skills and Experience	10
Topic 11 – Project Management Methodology	10
<i>D-2.2 State Personnel and Training</i>	

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Topic	Page Limit
Topic 12 - User Training Approach	3
Topic 13 – Preparation of State Staff	3
<i>D-2.3 Project Execution</i>	
Topic 14 – Implementation Approach	10
Topic 15 – Testing	6
Topic 16– Migration Strategy	3
Topic 17 – Environment Setup	2
<i>D-2.4 Project Management Competence</i>	
Topic 18 - System Acceptance Criteria	6
Topic 19 - Status Meetings and Reports	3
Topic 20 - Risk and Issue Management	3
Topic 21 - Scope Control	2
Topic 22 - Quality Assurance Approach	6
Topic 23 - Work Plan	No Limit
<i>D-2.5 Ongoing Operations</i>	
Topic 24 – Hosted or On Premise System	5
Topic 25– Support and Maintenance	2

1. D-1 PROPOSED SOFTWARE SOLUTION

1.1. Topic 1 – Description of Solution

Response Page Limit: 10

The State will evaluate whether the proposed Solution includes the required features.

- 1.1.1. Provide a detailed description of your proposed Software Solution, including features and functionality.

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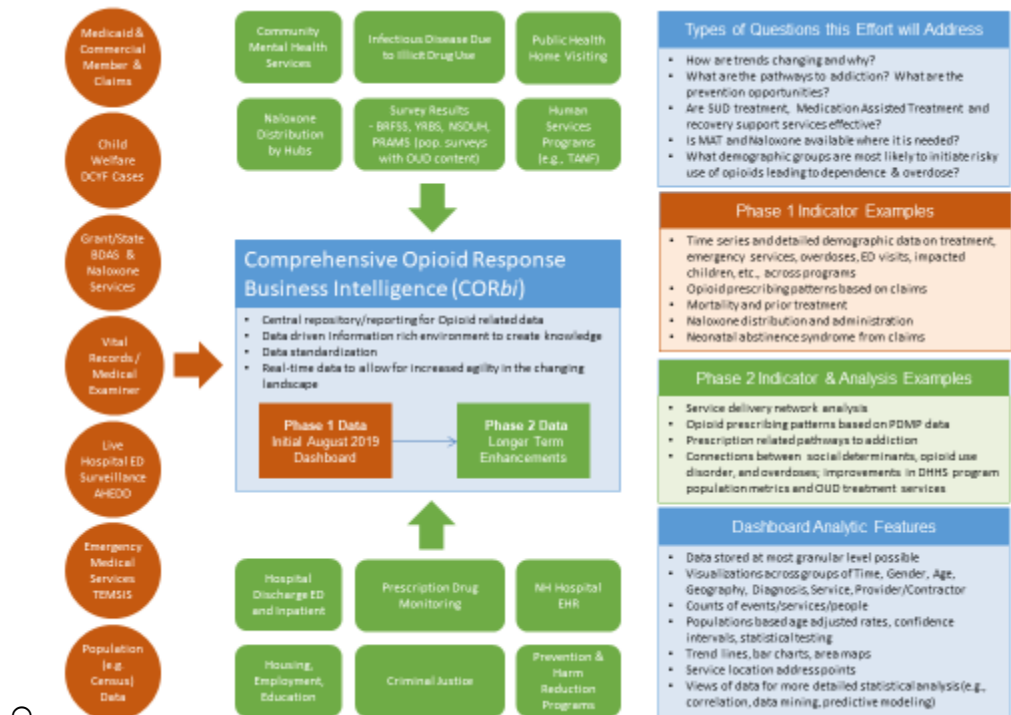
- 1.1.2. Describe the approach for design, development and implementation of the required solution functionality. Include this information for each functional requirements area: general system, business requirements, data governance, project management, training, migration and inventory and training.
- 1.1.3. Provide specific details of the implementation strategy to meet all functional requirements. Provide solution specific information including a web based demonstration of the solution. Generic and marketing description will be considered as insufficient responses. Additionally, the Vendor is to define their methodology for developing design-level use cases and workflows to meet all requirements.
- 1.1.4. As a part of the implementation strategy, identify and explain functionality implications associated with the phased implementation. All functionality may be leveraged for programs being implemented post acceptance of the final delivery of services. Define exception handling processes where appropriate as well as any dependencies on existing systems or components of the new Solution that are needed to provide the specified functionality.
- 1.1.5. Is your product used for a similar functionality at another State agency? If so, provide a description of the system and environment.
- 1.1.6. In what ways does your proposed Solution adhere to the business and technical requirements?
- 1.1.7. Is your product dependent on an existing solution not included in this proposal?
- 1.1.8. In what ways does your proposed solution improve our current enterprise data warehouse system capabilities?
- 1.1.9. In what ways does your proposed solution provide enhanced ease of use for both the inspectors and the administrative users?
- 1.1.10. Provide an appendix with sales literature describing the functionality of the proposed Software. Provide a table with references to pages in the appendix that describe functionality addressed for all appropriate topics for narrative responses.
- 1.1.11. How does your solution meet best practices surrounding a Development, Stage, Production environment requiring change management practices between environments while meeting a goal of continuous integration and continuous delivery? Environments required by the State are

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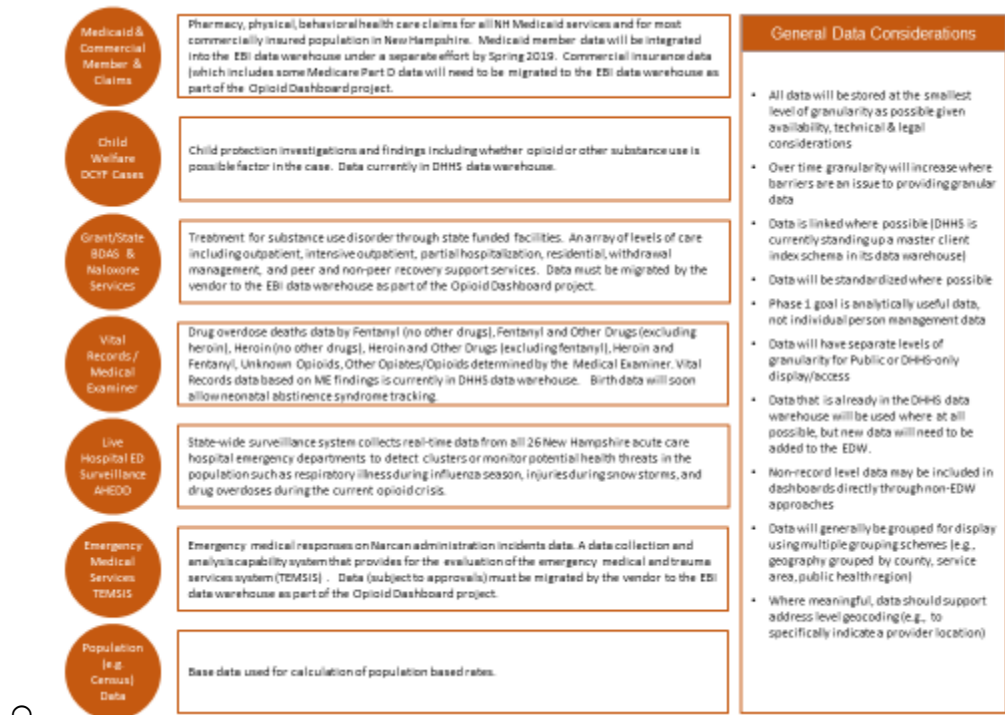
- 1.1.11.1. Development
- 1.1.11.2. Testing
- 1.1.11.3. Training
- 1.1.11.4. Production
- 1.1.12. How does your solution address sizing requirements in accordance with planned use? Be inclusive of all hardware, storage, networking, backup/restore, database, file system, monitors and other items as required to comprehensively support the development and ongoing operational effort.
- 1.1.13. How does the solution address the ability to pull real-time data from multiple sources and display/track progress over time toward specific goals?
- 1.1.14. Provide examples of parameters in your presentation that are configurable by the end-user.
- 1.1.15. Describe the solutions drill-down capability that will support detail level data displays.
- 1.1.16. Describe the proposed solution's ability to provide static/historical and dynamic (i.e. real-time) reporting for all program and functional areas.
- 1.1.17. What types of built-in (pre-defined) and end-user definable (ad-hoc) reporting capabilities are included in the proposal?
- 1.1.18. What types of graphical data presentations (e.g., GIS) will the proposed solution offer?
- 1.1.19. How does the proposed solution provide user-defined reporting views / screens based upon different roles, security profiles, etc. of various stakeholders?
 - 1.1.19.1. How does configuration for this functionality occur within the proposed solution?
- 1.1.20. What is the proposed solution's capability for end-user report / data exportation at the report and raw data levels? The proposed solution will export to: Excel, CSV, XML, PDF as well as integrate with current technology solutions to include Tableau.
- 1.1.21. How will the solution allow for statistical analysis on population-based and client based information to drive service, program and overall business decisions?

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- 1.1.22. Describe the model summarizing your understanding of how the data relates to the focused population.
- 1.1.23. Describe the solutions and structure of data security (PHI or data suppression requirements) for external (anonymous) and internal (role-based) access and uses.
- 1.1.24. How will the solution allow for statistical analysis (e.g. R Programming) on population-based and client based information to drive service, program and overall business decisions?
- 1.1.25. Describe how your solution will be used to deliver an Opioid Crisis Dashboard based upon the following model:



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1.1.26. Address how your solution will address the following examples of functionality:

1.1.26.1. Examples on how holistic analysis of multiple data sets could be utilized

1.1.26.1.1. Identifying High Risk Individuals and Groups (demographics) by Area (geographic)

1.1.26.1.2. Utilizing data to mitigate risk and progression to misuse / targeting early intervention service to mitigate progression to addiction

Reference	Names / Purpose	Objective	Data Source	Owner
1	<p>Conducting syndromic analysis to Identify <u>populations</u> most at Risk for Engaging in Substance Misuse.</p> <p>Utilizing multiple data sources to more strategically and efficiently target prevention strategies and programming toward high risk groups within youth, young adult, adult and older adult populations, residing in certain geographical areas, that put them at greater risk for initiating substance misuse and</p>	Utilizing data to more effectively and efficiently target resources for prevention strategies & programs that target populations and areas at greatest risk for	<p>Vital Records</p> <p>OD Deaths</p> <p>TEMSIS</p> <p>AHEDD</p> <p>SVI</p> <p>NAS</p>	<p>SOS</p> <p>DOJ/OCME</p> <p>DOS/EMS</p> <p>DHHS</p> <p>DHHS</p> <p>DHHS</p> <p>DCYF</p>

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	progressing to misuse, addiction and related consequence	engaging in substance misuse to prevent progression and related familial, social and financial consequence to them, their communities and the state as whole.	data Child Protect. Crim. Just All Claims	DOS/Court DHHS
2	Identifying <u>individuals</u> already engaging in substance misuse but not yet meeting diagnostic criteria for addiction. To utilize effective lower cost early intervention services to prevent progression to addiction and related consequence. Including fatal and non-fatal overdose, impacts on families and communities (including institutions), causing or exacerbating other behavioral health and or medical conditions and causing or exacerbating involvement with criminal justice, child welfare and or other social service systems.	Developing risk factor algorithms utilizing All Claims, DCFY, Hospital Discharge Data to analyze a host of co-morbid medical conditions (disease, accidents/injury) associated with substance misuse cross referencing with PII and DID level risk factor multipliers to target early intervention directed at these individuals to reduce risk and progression to SUD.	All Claims Child Protec. AHEDD SVI	DHHS DHHS DHHS

1.1.27. Utilizing data to mitigate the progression from risk to misuse and to addiction and death – Crisis Intervention / Case Management

Reference	Names / Purpose	Objective	Data Source	Owner
1	Identifying <u>Populations</u> at Risk for Opioid Overdose. Reducing / preventing fatal and non-fatal Opioids (and polysubstance) overdose by	Using data to more strategically and efficiently reach out to groups at	Vital Records OD Deaths TEMSIS	SOS DOJ/OCME DOS/EMS

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	identifying high risk <u>groups</u>	greatest risk to prevent fatal and non-fatal opioid overdose	AHEDD	DPHS
2	Identifying <u>Individuals</u> at Risk for Opioid Overdose. Reducing fatal and non-fatal Overdose by mitigating risk for <u>individuals</u> with multiple risk factors for opioid overdose	Identify and conducting crisis intervention / intensive case management services / Naloxone kits: targeting individuals at greatest risk for fatal and non-fatal opioid overdose	Same as above + PDMP and All Claims Data OTP Data	Same as above + BOP DHSS DHHS
3	Using data for Naloxone distribution to those at greatest risk for overdose Reducing / preventing fatal and non-fatal Opioids overdose by making Naloxone directly available to individuals that are continuing illicit opioid use while receiving SUD treatment from Programs administered by BDAS / DHHS or from MAT services provided Opioid Treatment Programs (OTPs)	Using data to be more strategic and efficient in broadly distributing Naloxone Kits to groups at greatest risk and directly to individuals at greatest risk for opioid overdose	WITS IT system Individual Overdose Risk Assessment data	DHHS DHHS
4	Emerging Threats / Situational Awareness Reports	Utilizing multiple data sets for situational awareness and to identify emerging threats before there are outbreaks that pose a threat to health and safety	To be determined	

1.1.28. Utilizing Data to Inform Policy – Strategic Planning – Programming

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- 1.1.28.1. Data analysis outlined above can be utilized to identify categories (population level strategies, prevention, early intervention, SUD / MAT treatment, crisis intervention and recovery services) and types of integrated / coordinated services that will best meet the Department's overall quality and outcomes objectives
- 1.1.29. Determining the Effectiveness of Policies – Strategies and Services
 - 1.1.29.1. By particular elements (examples: Prescribing regulation, NH PDMP program, school based substance misuse prevention programs, SUD treatment Services, or at a systems level (the effectiveness of the system overall)
- 1.1.30. Utilizing data to report out on client demographics, provider process and quality data and client outcomes
 - 1.1.30.1. Client demographic data by provider process data (locations, type and quantity of services provided), quality and cost of services and client outcomes.

1.2. Topic 2 – Software Architecture

Response Page Limit: 7

The State will evaluate the degree to which the architecture can be supported over an extended period, including the ease of support.

Provide a description of the technical architecture of the proposed Solution.

- 1.2.1. What are the benefits of your proposed platform?
- 1.2.2. Is the proposed solution based upon a 3-tiered, browser-based architecture?
- 1.2.3. Does any part of the proposed Solution require Software (other than a browser) to be installed on the client workstation? If yes, describe Software that must be installed and the access authorization level required to install it.
- 1.2.4. What add-on or third-party Software is required to support the functionality desired by the State?
- 1.2.5. What programming languages are used for development, configuration, and customization of the proposed Solution?
- 1.2.6. What components of the Software, such as middleware, are proprietary?
- 1.2.7. Is your solution dependent on open source software?

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- 1.2.8. What is the growth potential of the proposed System?
- 1.2.9. What is the timeframe for technical obsolescence of the proposed Software? (For the purpose of this question, the version of the proposed Software would be considered obsolete when support is no longer available.)
- 1.2.10. How will the proposed solution allow for end users to share dashboards to social media (e.g. Twitter, Facebook, Google+ or other social media websites)?

1.3. Topic 3 – Data Governance and Management

Response Page Limit: 10

The State will evaluate the degree to which the governance plan will be adopted and streamline as well as provide a Department and Statewide direction to keep pace with evolving demands.

Data Governance and Management should include but not be limited to the following:

- 1.3.1. How will your solution meet the departments needs to establish a robust governance structure for its strategic move to implement a managed infrastructure and enterprise Data Analytics Platform (DAP)?
- 1.3.2. How will this solution increase delivery of business benefits for New Hampshire, including faster time-to-market, lower costs, better consistency, and increased agility?
- 1.3.3. How will the solution change the planning, development, and operation of application systems, and require new methods of collaboration among project teams within the Department?
- 1.3.4. What will be the base structure of the Governance process and how will it ensure that the infrastructure, shared business and technical services being deployed will become shared assets across all the agencies in State of New Hampshire?
- 1.3.5. How will the solution address a systematic method for the Department to make decisions?
- 1.3.6. What will your process be to identify who has the authority to make decisions, establish the precepts (i.e., principles, policies, standards, and guidelines) that influence decisions?
- 1.3.7. How will the solution reduce risks and ensure that people accomplish the State's strategy, goals, and priorities?

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- 1.3.8. How will the solution implement, and subsequently optimize governance for compliance by balancing between directives that require interpretation (people make such decisions) and routine or repetitive directives (computer systems best perform these decisions)?
- 1.3.9. What tools and/or technologies will be required to enable DAP Governance within the State?
- 1.3.10. How will your solution provide a strategy that enables the State to document the roles and responsibilities, as well as provide the recommendations required staffing for the day to day design, development and implementation of the Department Enterprise DAP solution.
- 1.3.11. How will your solution address the Department's roles and responsibilities, as well as providing the required staffing for the day to day design, development and implementation of the Department Enterprise DAP solution?
- 1.3.12. How will your solution fill, leverage as well as, if applicable, re-define the following roles?
 - 1.3.12.1. Architects: seasoned professionals with a wide knowledge of the IT infrastructure, and have gone through long implementation cycles for complex business requirements. Architects are the "nervous system" of the DAP Competency Center and its permanent connection to the business; at the same time, sitting with the developers, architects stay involved in implementation issues, which keeps their vision up-to-date. Architects also play a key role with developers in selecting DAP and integration technologies for future projects.
 - 1.3.12.2. Developers: provide detailed internal applications knowledge. During the early stage of the DAP Competency Center, developers and architects must agree on the scope of decision making. More-senior developers typically provide day-to-day project management for DAP projects. Security skills are also necessary, especially when PII is involved. Statistical analysis skills are also necessary.

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- 1.3.12.3. Quality assurance (QA): responsible for testing the integration work being implemented. Although the QA staff should leverage its experience in application development projects, they will face different challenges when testing DAP and integration projects. The team will learn DAP and integration-specific QA skills (for example, exception testing for integration middleware message queue overflow).
- 1.3.12.4. Database Administrators should be included in the DAP Competency Center. Work streams three, four and five involve data integration from different sources. As the integration work beyond the three work streams differentiates further into multistep integration and composite applications, data modeling expertise and enterprise data knowledge will continue to be crucial, especially when complex entities, such as the single view of the citizen/consumer become established assets of the DAP Competency Center.
- 1.3.12.5. Operations and system administration staff should participate at least for the initial three to six months of the operation of the integrated solution. Once integration projects complete successfully, they will be moved into production. Because of the presence of development and QA staff in the DAP Competency Center, it will be easier to solve day-to-day issues, and the operation of the solution will be smoother. Operations staff in the DAP Competency Center must also agree to specific configuration management issues with other groups (for example, development, application Vendors and integration products), before the integrated solution is moved to production.

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- 1.3.12.6. Business analysts, or business-process owners, are required for the DAP Competency Center when business process management or business activity monitoring requirements are present and, in general, when the DAP Competency Center starts to demonstrate business value. Architects always sit between business and the IT department, while business analysts live in the business. Business analysts' involvement is crucial to DAP Competency Center activities, such as the definition of high-level, coarse granularity reusable services in a service-oriented architecture (DAP), or the setup of an electronic channel to exchange business information with state partners.
- 1.3.13. How will the proposed DAP governance solution provide decision-making guidance for all stages in the service lifecycle-from planning to retirement?
- 1.3.14. How will the solution address specific lifecycle stages and issues associated with the following?
 - 1.3.14.1. User Security Management Services
- 1.3.15. How will the solution ensure strategic alignment between the deployed technology and the future-state business processes and operational model?
- 1.3.16. What is the proposed change control process for considering and accepting or denying changes (policy, planning, design, processes, etc.) throughout the project?
- 1.3.17. How will the proposed solution develop and obtain buy-in for a stakeholder and communication management plan?
- 1.3.18. How will your methodology address organizational assessments and gap analyses for the affected divisions and programs and facilitate the development of appropriate organizational structures and job descriptions?

1.4. Topic 4 – User Friendliness and Usability

Response Page Limit: 10

The State values Software that is compatible with its intended user's ability to use it easily and successfully.

- 1.4.1. To what extent is the Software used in the proposed solution intuitive based on the likelihood that the user has experienced other applications with similar graphic user interfaces.

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- 1.4.2. How efficient is the Software in terms of the number of operations required to perform basic tasks.
- 1.4.3. How does the Vendor's proposed training process support the application.
- 1.4.4. How much time is required to make new users fully functional and able to input into the system?
- 1.4.5. Explain any function driven capabilities that exist in the proposed application.
- 1.4.6. How does the solution address advanced analysis such as predictive analysis, root cause analysis, actionable information to determine cost effectiveness, identification of "hotspotters" (clients in communities with multiple complex health conditions who are high-utilizers of care, services, etc.)?
- 1.4.7. How will a user guidance and/or help functions be developed into the system?

1.5. Topic 5 – IT Standards

Response Page Limit: 2

The State will evaluate the degree to which IT standards used in the Vendor provided product are compliant with other State Systems, or utilize existing State standards.

The proposed Solution must comply with Open Standards and Open Data Formats as mandated by RSA chapter 21-R: Open Standards (HB418 2012).

- 1.5.1. Describe the degree to which your solution complies with information technology standards mentioned on the State of NH web site: <http://www.nh.gov/doit/vendor>
- 1.5.2. Is the proposed application considered Open Source Software?
- 1.5.3. Does it comply with Open Standards, including but not limited to Open Data Formats?
- 1.5.4. Describe the degree to which the proposed Solution meets the requirements of RSA chapter 21-R:10, 21-R:11, 21-R:13.
- 1.5.5. Identify what industry standards are incorporated in to the Solution.
- 1.5.6. Identify whether standards employed are national in origin or are unique to the proposed Software.

1.6. Topic 6 – Data Import/Export Standards and Migration

Response Page Limit: 7

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The State will evaluate the ease of interfacing with our current Data import and export layouts for Data exchange.

The State anticipates that this system will expand to be leveraged and interfaced by any department within the state as well as external organizations based on approved and compliance based data sharing agreements. Describe the mechanisms and tools included in the proposed System to implement these interfaces. Be sure to address the following aspects of this topic:

- 1.6.1. What types of interfaces are possible with the proposed System (e.g., online, batch, etc.)?
- 1.6.2. What file and database formats can the solution receive?
- 1.6.3. What Data is available to other systems? What Data may be imported/updated from other systems and how is this managed?
- 1.6.4. What data (if any) isn't available for import/export and how is this managed?
- 1.6.5. What tools are provided with the System for the development of interfaces?
- 1.6.6. What scheduling tools are required for initiation of interfaces? Are these tools included with the proposed solution?
- 1.6.7. Are there any constraints upon the timing of batch interfaces?
- 1.6.8. Does the System employ standard definitions or file layouts for interfaces? If so, include a sample in an appendix.
- 1.6.9. What standard interface formats are used with the proposed Software? What degree of flexibility is available?.
- 1.6.10. How does your solution meet the objective of providing a seamless and productive environment for users.
- 1.6.11. How does your solution meet all mandatory State requirements and is consistent with the standards and requirements detailed in this RFP.
- 1.6.12. How does your solution meet the requirement of the provision of development, testing/verification, training, certification, and production environments to be used to develop, deploy, maintain, and operate the integrated system.
- 1.6.13. How will the proposed solution provide the State of New Hampshire the processes, tools and training to be able to continue the integration of data sources into the Data Analytics platform?

2. D-2 Technical, Services and Project Management Experience

2.1. D-2.1 Security and Protection of Data

2.1.1. Topic 7 – System Security

Response Page limit: 10

The State will evaluate the degree to which System issues can be avoided.

Software Systems must be reliable, regardless of how they are delivered. The State's workers and citizens expect government Services and information to be reliable and available on an ongoing basis to ensure business continuity.

The State must ensure that appropriate levels of security are implemented and maintained in order to protect the integrity and reliability of its Information Technology resources, information, and Services. State resources, information, and Services must be available on an ongoing basis, with the appropriate infrastructure and security controls to ensure business continuity and safeguard State networks, Systems and Data.

The State will evaluate the degree to which the proposed System is designed and architected to ensure the confidentiality and integrity of its valued asset, Data.

2.1.1.1. Describe the System security design and architectural features incorporated into the proposed Software. At a minimum, discuss the following:

2.1.1.1.1. The identification and authentication methods used to ensure that users and any interfacing applications are identified and that their identities are properly verified.

2.1.1.1.2. The authorization methods used to ensure that users and client applications can only access Data and services for which they have been properly authorized.

2.1.1.1.3. The immunity methods used to ensure that unauthorized malicious programs (e.g., viruses, worms and Trojan horses) do not infect the application.

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- 2.1.1.1.4. The methods used to ensure that communications and Data integrity are not intentionally corrupted via unauthorized creation, modification or deletion.
- 2.1.1.1.5. The methods used to ensure that the parties to interactions with the application cannot later repudiate or rebut those interactions.
- 2.1.1.1.6. The Intrusion Detection methods used to ensure the detection, recording and review of attempted access or modification by unauthorized individuals.
- 2.1.1.1.7. The privacy methods used to ensure that confidential Data and sensitive communications are kept private.
- 2.1.1.1.8. The System maintenance methods used to ensure that System maintenance does not unintentionally disrupt the security mechanisms of the application or supporting hardware.
- 2.1.1.1.9. The testing methods conducted to load and stress test your Software or Solution to determine its ability to withstand Denial of Service (DoS) attacks.
- 2.1.1.1.10. The ability of your Software to be installed in a “locked-down” fashion so as to turn off unnecessary features (user accounts, operating System services, etc.) thereby reducing the Software’s security vulnerabilities and attack surfaces available to System hackers and attackers.
- 2.1.1.1.11. The notification and escalation process in the event of an intrusion.
- 2.1.1.2. Describe the System assurance provisions incorporated into the proposed Software. At a minimum, discuss the following:
 - 2.1.1.2.1. What process or methodology is employed within the proposed Software to ensure Data integrity?

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2.1.1.2.2. To what degree does your approach rely on System assurance capabilities of the relational database management system (RDMS)?

2.1.1.2.3. If multiple databases are employed, what extra procedures are employed to ensure synchronization among databases?

2.1.2. Topic 8 – Backup and Recovery

Response Page Limit: 2

The State will evaluate the degree to which proposed backup and recovery processes protect mission-critical Data, ease of use of these processes, and impact of these processes on operation of the System.

The State seeks a sound backup and recovery provision as part of the Solution. Describe the tools used for backup and recovery of applications and Data. Describe the impact of the proposed backup process on the operation of the System. Also, address the following:

2.1.2.1. Use of and method for logging and journaling;

2.1.2.2. Single points of failure and recommended approaches for their elimination;

2.1.2.3. Approach to redundancy;

2.1.2.4. Please enumerate your high-level methodology for creation of a Disaster Recovery Plan; and

2.1.2.5. Impact of Software license fees.

2.1.3. The State believes that additional Software license fees solely related to redundancy for backup and recovery would be inappropriate. If the Proposal differs from this standard, describe and provide rationale for the difference.

2.1.4. Topic 9 – Assurance of Business Continuity

Response Page Limit: 3

The State will evaluate the degree to which the proposed plan to assure business continuity mitigates risk to the State, and it's potential for Implementation (cost effective and easy to implement).

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- 2.1.4.1. The State intends to consider provision for assurance of business continuity as an optional component of the Solution. Please provide a plan for business continuity if a disaster occurs at the data center that is hosting the proposed Solution. This is an optional requirement and will be included or excluded depending on any additional cost associated with the plan.
- 2.1.4.2. The State believes that additional Software License fees solely related to redundancy for assurance of business continuity would be inappropriate. If the Proposal differs from this standard, describe and provide rationale for the difference.
- 2.1.4.3. Please enumerate your high-level methodology for creation of a Business Continuity Plan.

2.1.5. Topic 10 – Skills and Experience

Response Page Limit: 10

The State will evaluate the degree to which the proposed Solution provides for the skills and experience to meet the requirements in this RFP.

- 2.1.5.1. Describe in detail the skills and experience that your vendor will bring to the State to assist in meeting the requirements and narrative included in this RFP.
- 2.1.5.2. Describe at least two (2) other solutions that you have completed that relates to the requirements for this RFP
- 2.1.5.3. Describe the manner in which users and system administrators can view transactional Data.
- 2.1.5.4. Please describe your experience with organizations similar to the Health and Human Services and discuss what historical data they have and have not converted/migrated into the new system.
- 2.1.5.5. How many years of historical data is typically converted in a project similar to this one? Describe how you will help Health and Human Services determine the right number of years to convert.

2.1.6. Topic 11 – Project Management Methodology

Response Page Limit: 5

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The State will evaluate the Vendor's approach to project management methodology.

- 2.1.6.1. Describe the methodologies used for organizing teams to implement solutions in an iterative Agile methodology.
- 2.1.6.2. Describe how your approach meets the requirements for project management and testing the security of the Software application and hosting environment.
- 2.1.6.3. How can you ensure the security and confidentiality of the State Data collected on the system?
- 2.1.6.4. What security validation Documentation will be shared with the State?
- 2.1.6.5. Do you use internal or external resources to conduct security testing?

2.2. D-2.2 State Personnel and Training

2.2.1. Topic 12 – User Training Approach

Response Page Limit: 3

The State will evaluate whether the training approach is likely to prepare users adequately to use the new System from the day of deployment, including maximum knowledge transfer to allow the State to conduct its own training in the future.

The State understands the importance of training for a successful Software Implementation. The State seeks a detailed discussion of training alternatives in addition to a recommended training approach.

- 2.2.1.1. Describe the process for an assessment of needs; identifying casual, power, and specialty users; developing a curriculum for each audience; and conducting, evaluating, and refining training courses.
- 2.2.1.2. Questions to address include, but are not limited to, the following:
 - 2.2.1.2.1. What type of training (instructor led vs. computer based) will be used for each purpose and why?
 - 2.2.1.2.2. What methods will be employed to evaluate training activities?
 - 2.2.1.2.3. How will training be coordinated with other user support activities?

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- 2.2.1.2.4. Will manuals be adequate to enable trained users to research answers to their own questions?
- 2.2.1.2.5. If the perception is that they are not adequate, can those manuals be quickly revised?
- 2.2.1.2.6. How will the State be prepared to conduct ongoing training after Implementation is completed?
- 2.2.1.2.7. Are training manuals on-line and maintained as part of a maintenance agreement?

2.2.2. Topic 13 - Preparation of State Staff

Response Page Limit: 3

The State will evaluate whether the provisions to prepare State staff participating in the Project will enable the staff to contribute appropriately.

- 2.2.2.1. Describe how State staff assigned to the Project Team will be prepared to contribute.
- 2.2.2.2. Provide an overview of Project Team interactions and dependencies between functions.

2.3. D-2.3 Project Execution

2.3.1. Topic 14 – Implementation Approach

Response Page Limit: 10

The State will evaluate the quality of analysis, reasonableness, and flexibility evident in the proposed Implementation approach.

Provide one or more feasible Implementation plans. For each plan provided:

- 2.3.1.1. Identify timeframes for major milestones, including timing for discontinuing legacy Systems if applicable;
- 2.3.1.2. Discuss cost implications of the plan, including implications on maintenance fees; and
- 2.3.1.3. Address the level of risk associated with the plan.
- 2.3.1.4. What are the highlights (key selling points) of your proposed approach?

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2.3.1.5. What makes your proposed implementation approach unique in consideration of your competitors?

2.3.1.6. To assist the State in evaluation of the Implementation Plan or plans discussed, identify the Implementation Plan used as a basis for the cost Proposal.

2.3.2. Topic 15 – Testing

Response Page Limit: 6 – Appendix Required

The State will evaluate the quality of support the Vendor will supply to assist State testing staff and the effectiveness of the proposed Defect tracking and resolution process. The ability of the State Project leadership to participate in analysis, classification, and establishment of priorities for suspected Defects will also be evaluated.

State staff will conduct Acceptance Testing, but support from the selected Vendor is required; refer to Appendix G-2: Testing. To define the type of support that will be provided, address the following questions:

2.3.2.1. Describe your testing methodology and include a proposed test plan.

2.3.2.2. Will configured Software be delivered in functional components for State Acceptance Testing?

2.3.2.3. How much time should the State allow to complete User Acceptance Testing of a component?

2.3.2.4. What test management and test driver tools will be employed in quality assurance testing prior to delivery of code to the State? Will these tools be available to the State for use in Acceptance Testing?

2.3.2.5. What support will be provided to prepare State staff during Acceptance Testing? How will on-site support for the State testing team be provided?

2.3.2.6. How will members of the testing team be prepared to test the configured Software?

2.3.2.7. What Documentation of configured Software will be available to the testing team?

2.3.2.8. Based on experience in similar Projects, how many and what types of Defects are likely to be encountered in Acceptance Testing? (Include metrics from other Projects to support this response.)

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- 2.3.2.9. How much time is available for comprehensive testing and correction of Defects prior to Implementation? Based on metrics from similar Projects, is it sufficient? (Provide information from other Projects to support this response.)
- 2.3.2.10. If frequency exceeds the expected level, what corrective actions will be instituted?
- 2.3.2.11. How quickly will a suspected Defect be investigated, and what classifications are planned for suspected Defects?
- 2.3.2.12. How quickly will Software Defects be corrected?
- 2.3.2.13. What specific Software tools will be used to isolate performance problems?
- 2.3.2.14. What tools will be used to document and track status of suspected Defects?
- 2.3.2.15. Will these tools be available to the State after the Project is completed?
- 2.3.2.16. What role will the State play in classification and prioritization of Defects?
- 2.3.2.17. Will System performance be measured and documented using the State's infrastructure and Data? If yes, how?
- 2.3.2.18. Provide a sample User Acceptance Test Plan from a completed Project as an appendix.
- 2.3.2.19. Testing Prior to UAT:
 - 2.3.2.19.1. The State has a specific approach it generally requires for testing. Please read Appendix G2 (Testing Requirements) for this approach. Please describe your typical testing methodology and how challenging you feel it may be to adopt the State's standard.
 - 2.3.2.19.2. Utilize the first five pages of this topic to describe the approach you have proposed to testing. Be sure to cover as applicable:
 - 2.3.2.19.2.1. Installation and Environment Testing
 - 2.3.2.19.2.2. Unit Testing
 - 2.3.2.19.2.3. System Testing

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- 2.3.2.19.2.4. Regression Testing
- 2.3.2.19.2.5. Performance Tuning and Stress Testing
- 2.3.2.19.2.6. Data Conversion Testing and Data Validation
- 2.3.2.19.2.7. Security Review/Testing
- 2.3.2.19.3. What test management and test driver tools will be employed in quality assurance testing prior to delivery of code to the State? Will these tools be available to the State for use in Acceptance Testing?

2.3.3. Topic 16 – Migration Strategy

Response Page Limit: 3

The State will evaluate the degree to which the Vendor will ensure that Data conversion is effective and impacts State staff to the minimum extent possible.

- 2.3.3.1. It is our assumption that the Data Conversion/Migration Plan is a deliverable that will ultimately lay out the plan required to convert and migrate data from Health and Human Services systems to the new environment. Please discuss your high-level approach to carrying out data conversion/migration activities. Be sure to discuss software tools and processes used to support this effort.
- 2.3.3.2. Describe the approach that will be used for assessing Data quality and conducting Data cleansing prior to conversion. Please be sure to include whose responsibility it will be and the process you are proposing to deal with incomplete records in the legacy system.
- 2.3.3.3. Discuss the use of automated tools in Data conversion. When will automated tools be used? When will manual intervention be required?
 - 2.3.3.3.1. What data do you know will be challenging to convert/migrate and why? What special approach will you recommend as part of the planning document to help reduce the impact of this challenge on this project?

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- 2.3.3.3.2. Please discuss your approach to working with the Agency to document a data conversion/migration plan and process. Please also describe how you will determine how much historical data is available and what is appropriate to be made available within the new system.
- 2.3.3.3.3. Define expectations for State and Vendor roles during the development of the data conversion/migration plan and process.
- 2.3.3.3.4. What lessons learned can you share with us from other implementations that are important to understand as part of development of the data conversion/migration plan and process?

2.3.4. Topic 17 – Environment Setup

Response Page Limit: 2

The State will evaluate whether proposed environments are sufficient to satisfy Project needs, including phased Implementation.

- 2.3.4.1. Describe the different Software and hardware environments required for the concurrent development, testing, and production of the proposed Solution. Discuss how the proposed environments support the Implementation of the hosted Solution, including all necessary training.
- 2.3.4.2. The State believes that additional Software License fees solely related to establishing environments for normal development lifecycle would be inappropriate. If the Proposal differs from this standard, describe and provide rationale for the difference.
- 2.3.4.3. Discuss how the proposed environments support the Implementation of the hosted Solution, including all necessary training.

2.4. D2.4 Project Management Competence

2.4.1. Topic 18 – System Acceptance Criteria

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The State will evaluate whether proposed Acceptance criteria will assure the State that the new System is functioning effectively before being turned over for State for User Acceptance Testing.

2.4.1.1. Propose measurable criteria for State final Acceptance of the System.

2.4.1.2. Discuss how the proposed criteria serve the interest of the State.

2.4.2. Topic 19 – Status Meetings and Reports

Response Page Limit: 3 – Appendix Required

The State will evaluate the degree to which Project reporting will serve the needs of State Project leaders.

The State believes that effective communication and reporting are essential to Project success. At a minimum, the State expects the following:

2.4.2.1. Introductory Meeting: Participants will include Vendor Key Project Staff and State Project leaders from both the Health and Human Services and the Department of Information Technology. This meeting will enable leaders to become acquainted and establish any preliminary Project procedures.

2.4.2.2. Kickoff Meeting: Participants will include the State and Vendor Project Teams and major stakeholders. This meeting is to establish a sound foundation for activities that will follow.

2.4.2.3. Status Meetings: Participants will include, at a minimum, Vendor Project Manager and the State Project Manager. These meetings, which will be conducted at least biweekly, will address overall Project status and any additional topics needed to remain on Schedule and within budget. A status and error report from the Vendor will serve as the basis for discussion.

2.4.2.4. The Work Plan: must be Reviewed at each Status Meeting and updated, at minimum, on a biweekly basis, in accordance with the Contract.

2.4.2.5. Special Meetings: Need may arise for a special meeting with State leaders or Project stakeholders to address specific issues.

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- 2.4.2.6. Exit Meeting: Participants will include Project leaders from the Vendor and the State. Discussion will focus on lessons learned from the Project and on follow up options that the State may wish to consider.
- 2.4.2.7. The State expects the Vendor to prepare agendas for and minutes of meetings. Meeting will include an updated Work Plan. Drafting of formal presentations, such as a presentation for the kickoff meeting, will also be a Vendor responsibility.
- 2.4.2.8. Vendor shall submit status reports in accordance with the Schedule and terms of the Contract. All status reports shall be prepared in formats approved by the State. The Vendor's Project Manager shall assist the State's Project Manager, or itself produce reports related to Project Management as reasonably requested by the State, all at no additional cost to the State. Vendor shall produce Project status reports, which shall contain, at a minimum, the following:
 - 2.4.2.8.1. Project Status as it relates to Work Plan
 - 2.4.2.8.2. Deliverable status
 - 2.4.2.8.3. Accomplishments during weeks being reported
 - 2.4.2.8.4. Planned activities for the upcoming two (2) week period
 - 2.4.2.8.5. Future activities
 - 2.4.2.8.6. Issues and Concerns requiring resolution
 - 2.4.2.8.7. Report and remedies in case of falling behind Schedule
- 2.4.2.9. Be sure to cover the following:
 - 2.4.2.9.1. Timing, duration, recommended participants and agenda for the kickoff meeting;
 - 2.4.2.9.2. Frequency and standard agenda items for status meetings;
 - 2.4.2.9.3. Availability for special meetings; and
 - 2.4.2.9.4. Agenda for the exit meeting.

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- 2.4.2.10. As an appendix, provide an example of status reports prepared for another Project. Names of the Project and of any individuals involved may be removed.
- 2.4.2.11. As reasonably requested by the State, Vendor shall provide the State with information or reports regarding the Project. Vendor shall prepare special reports and presentations relating to Project Management, and shall assist the State in preparing reports and presentations, as reasonably requested by the State, all at no additional cost to the State.

2.4.3. Topic 20 – Risk and Issue Management

Response Page Limit: 3

The State will evaluate the extent to which the proposed approach will contribute to the timely identification and effective action on issues and risks. The State will also evaluate whether the approach recognizes and addresses appropriate State involvement in risk and issue management.

- 2.4.3.1. Provide proposed methodologies for risk and issue management. Discuss State and Vendor responsibilities. The State seeks a clear means to compare planned versus actual status, including percentages, at a sufficiently detailed level to ensure the State can adequately monitor the progress of the Project. Be sure to identify any essential time constraints on State actions. Escalation procedures will be defined in a Contract between the State and the Vendor.

2.4.4. Topic 21 – Scope Control

Response Page Limit: 2

The State will evaluate the degree to which proposed modifications in scope are scrutinized to ensure that only essential changes are approved. Evaluation will also address the quality and timeliness of information that will be available about a proposed scope change.

- 2.4.4.1. Suggest an approach for scope control. Describe how the approach has been employed effectively on another Project.
- 2.4.4.2. Demonstrate your firm's ability to manage scope creep by discussing tools and methodologies, as well as past Project experiences.

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2.4.5. Topic 22– Quality Assurance Approach

Response Page Limit: 6

The State will evaluate the degree to which proposed procedures will ensure that Deliverables require limited modification when submitted for approval.

2.4.5.1. The State has identified three categories of Deliverables:

2.4.5.1.1. Written Deliverables, such as a training plan;

2.4.5.1.2. Software Deliverables, such a configured Software module; and

2.4.5.1.3. Non-Software Deliverables, such as conduct of a training course.

2.4.5.2. Describe the methodology that will be employed to assure that each type of Deliverable is of high quality before submission for State consideration. Discussion should include but not be limited to:

2.4.5.2.1. Provision for State input to the general content of a Written Deliverable prior to production;

2.4.5.2.2. The standard for Vendor internal Review of a Written Deliverable prior to formal submission; and

2.4.5.2.3. Testing of Software Deliverables prior to submission for Acceptance Testing.

2.4.6. Topic 23 - Work Plan

Response Page Limit: None

The State will evaluate whether the Vendor’s preliminary proposed Work Plan includes a description of the Schedule, tasks, Deliverables, major milestones, task dependencies, and a payment Schedule. The Work Plan shall also address resource allocations (both State and Vendor team members). This narrative should reflect current Project Management “best practices” and be consistent with narratives on other topics. The Software to be used to support the ongoing management of the Project should also be described in the Work Plan.

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The State sees a Work Plan as essential to reaching a comprehensive agreement with a Vendor. Consequently, the State will seek to refine the proposed Work Plan prior to Contract approval with the selected Vendor and to incorporate the refined Work Plan by reference into a Contract.

- 2.4.6.1. Provide a preliminary Work Plan depicting tasks, task dependencies, Schedule, milestones, Deliverables, and payment Schedule. Include the deliverables outlined in Appendix C (System Requirements and Deliverables) and include other deliverables that you, based on past experience, would recommend be developed on this project.
- 2.4.6.2. Define both proposed Written and Software Deliverables. Include sufficient detail that the State will be able to identify departures from the Plan in sufficient time to seek corrective action. In particular, provide information about staffing.
- 2.4.6.3. Describe all Deliverables to be produced in the Project. Ensure that all Deliverables and milestones are identified in the Work Plan. Identify and discuss the following:
 - 2.4.6.3.1. All assumptions upon which the Work Plan is based;
 - 2.4.6.3.2. Descriptions of recommended roles by activity and time required for both State and Vendor members of the Project Team;
 - 2.4.6.3.3. Assignments of members of the Vendor's team identified by role to specific tasks; and
 - 2.4.6.3.4. Critical success factors for the Project.
- 2.4.6.4. Discuss how this Work Plan will be used and State access to Plan details including resource allocation.
- 2.4.6.5. Discuss frequency for updating the Plan, at a minimum weekly and for every status meeting. Explain how the State will know whether the Project is on Schedule and within budget.

2.5. D2.5 Ongoing Operations

2.5.1. Topic 24 – Hosted System If Applicable

Response Page limit: 5

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Describe the hosting plan including hardware and software platforms, software utilities, telecommunications resources, security measures and business continuity plans. Include a description of servers, computers, software, programming capability and other equipment and technical resources which will be used to design, develop, implement and maintain the application.

- 2.5.1.1. Provide the type and speed of the connection;
- 2.5.1.2. Information on redundancy;
- 2.5.1.3. Disaster recovery;
- 2.5.1.4. Security;
- 2.5.1.5. Interim staffing for peak help desk demand periods and transition to a permanent arrangement;
- 2.5.1.6. Development of a help desk knowledge base; and
- 2.5.1.7. Metrics based on help desk inquiries.

2.5.2. Topic 25 – Support and Maintenance If Applicable

Response Page Limit: 2

The State will evaluate whether the Vendor's proposed support and maintenance plan includes a description of the types and frequency of support, detailed maintenance tasks – including Scheduled maintenance and upgrades, and any other dependencies for on-going support and maintenance of the system. This narrative should reflect current "best practices" for these tasks.

- 2.5.2.1. For how many of your clients do you provide typical software maintenance and support in operational years and what percent of your clients does this represent?
- 2.5.2.2. For how many of your clients do you provide support and maintenance of the operational environment on behalf of the State and what percent of your clients does this represent?
- 2.5.2.3. What do you find to be the optimal amount of support?
- 2.5.2.4. Describe how general support and maintenance skills are transferred to State technical support personnel for knowledge sharing.
- 2.5.2.5. Describe how are support and maintenance issues are tracked detailing methodology and if any additional software is required.
- 2.5.2.6. Describe process for maintenance of the general knowledge base.

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- 2.5.2.7. Describe any particular procedures required to handle escalation and emergency calls.
- 2.5.2.8. Detail the plan for preventive maintenance and for upgrade installations.
- 2.5.2.9. Detail the types and frequency of support tasks required.

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APPENDIX E: STANDARDS FOR DESCRIBING VENDOR QUALIFICATIONS

Vendor qualifications are important factors in selecting <CORbi Software and accompanying Implementation and follow on support Services. To facilitate evaluation of Vendor qualifications, the State seeks information about:

- Corporate qualifications of each Vendor proposed to participate in the Project;
- Proposed team organization and designation of key staff;
- Individual qualifications of candidates for the role of Project Manager; and
- Individual qualifications of candidates for other key staff roles.

This Appendix identifies specific information that must be submitted.

1. E-1 Required Information on Corporate Qualifications

Information is required on all Vendors who will participate in the Project. Vendors submitting a Proposal must identify any Subcontractor(s) to be used.

1.1. E-1.1 Vendor and Subcontractors

The Vendor submitting a Proposal to this Project must provide the following information:

1.1.1. E-1.1.1 Corporate Overview (2 page limit)

Identify the proposed role of the firm on the Project. Describe the major business areas of the firm. Provide a high-level description of the firm's organization and staff size. Discuss the firm's commitment to the public sector, experience with this type of Project Implementation and experience in New Hampshire.

1.1.2. E-1.1.2 Financial Strength

1.1.2.1. Provide at least one of the following:

- 1.1.2.1.1. The current Dunn & Bradstreet report on the firm; or
- 1.1.2.1.2. The firm's two most recent audited financial statements; and the firm's most recent un-audited, quarterly financial statement; or

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1.1.2.1.3. The firm's most recent income tax return. For example, either a copy of the IRS Form 1065, U.S. Return of Partnership Income or Schedule E (IRS Form 1040) Supplemental Income and Loss (for partnerships and S corporations) OR IRS Form 1120, U.S. Corporation Income Return. These forms are typically submitted when a Vendor does not have audited financial statements.

1.1.3. E-1.1.3 Litigation

Identify and describe any claims made by clients during the last ten (10) years. Discuss merits, current status and, if available, outcome of each matter.

1.1.4. E-1.1.4 Prior Project Descriptions (3 limited to 3 pages each)

Provide descriptions of no more than three (3) similar projects completed in the last < four (4) years. Each Project description should include:

- 1.1.4.1. An overview of the project covering type of client, objective, project scope, role of the firm and outcome;
- 1.1.4.2. Project measures including proposed cost, actual project cost, proposed project schedule and actual project schedule;
- 1.1.4.3. Names and contact information (name, title, address and current telephone number) for one or two references from the client; and
- 1.1.4.4. Names and project roles of individuals on the proposed team for the New Hampshire Project that participated in the project described.

1.1.5. E-1.1.5 Subcontractor Information

Vendors must provide information on any Subcontractors proposed to work on this Project. Required information shall include but not be limited to:

- 1.1.5.1. Identification of the proposed Subcontractor and a description of the major business areas of the firm and their proposed role on the Project;
- 1.1.5.2. A high-level description of the Subcontractor's organization and staff size;
- 1.1.5.3. Discussion of the Subcontractor's experience with this type of Project;

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- 1.1.5.4. Resumes of key personnel proposed to work on the Project; and
- 1.1.5.5. Two references from companies or organizations where they performed similar services (if requested by the State).

2. E-2 Team Organization and Designation of key Vendor staff

Provide resumes of key personnel proposed to work on the Project and an organizational chart depicting the Vendor Project Team. This chart should identify key staff required from the Vendor, any Subcontractors, and the State.

Define the responsibilities and length of assignment for each of the roles depicted in the organizational chart. Identify the positions that should be designated key staff. Ensure that designation of key Vendor staff includes subject matter experts in the following areas:

- Data Analysis
- Data Analytics
- Data Quality
- Statistics
- Data Governance
- User Experience (UX) and User Interface (UI)
- Data Modeling
- Data Visualizations
- Project Management
- Training
- Data Migration

A single team member may be identified to fulfill the experience requirement in multiple areas.

2.1. E-2.1 State Staff Resource Worksheet

Append a completed State Staff Resource Worksheet to indicate resources expected of organization. Expected resources must not exceed those outlined in Appendix A: *Background Information* - Section A-4: *State Project Team*. The required format follows.

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Table E-2: Proposed State Staff Resource Hours Worksheet

State Role	Initiation	Configuration	Implementation	Close Out	Total
Project Manager					
Position 1					
Position 2					
Position 3					
Position 4					
Position 5					
State Total					

3. E-3 Candidates for Project Manager

Although the State recognizes that staff availability is somewhat uncertain, qualifications of the Project Manager are particularly critical. Therefore, the State requires that the Project Manager be identified with some degree of certainty.

For the Project Manager candidate, provide a resume not to exceed five (5) pages in length addressing the following:

- 3.1. The candidate's educational background;
- 3.2. An overview of the candidate's work history;
- 3.3. The candidate's project experience, including project type, project role and duration of the assignment;
- 3.4. Any significant certifications held by or honors awarded to the candidate; and
- 3.5. At least three (3) references, with contact information, that can address the candidate's performance on past projects.

4. E-4 Candidates for key Vendor staff Roles

Provide a resume not to exceed ten (10) pages for each key Vendor staff position on the Project Team. Each resume should address the following:

- 4.1. The individual's educational background;
- 4.2. An overview of the individual's work history;

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- 4.3. The individual's project experience, including project type, project role and duration of the assignment;
- 4.4. Any significant certifications held by or honors awarded to the candidate; and
- 4.5. At least three (3) references, with contact information, that can address the individual's performance on past projects.

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APPENDIX F: PRICING WORKSHEETS

A Vendor's Cost Proposal must be based on the worksheets formatted as described in this Appendix.

The Vendor must assume all reasonable travel and related expenses. All labor rates will be "Fully Loaded", including, but not limited to: meals, hotel/housing, airfare, car rentals, car mileage, and out of pocket expenses.

1. F-1 Activities/Deliverables/Milestones Pricing Worksheet

The Vendor must include, within the Not-to-Exceed for IT service activities, tasks and preparation of required Deliverables, pricing for the Deliverables required based on the proposed approach, and methodology and tools. The following format must be used to provide this information.

Table F-1: Activities/Deliverables/Milestones Pricing Worksheet <SAMPLE TABLE>

	Activity, Deliverable, or Milestone	Deliverable Type	Projected Delivery Date	Price
PLANNING AND PROJECT MANAGEMENT				
1	Conduct Project Kickoff Meeting	Non-Software		
2	Project Status Reports	Written		
3	Work Plan	Written		
4	Infrastructure Plan, including Desktop and Network Configuration Requirements	Written		
5	Security Plan	Written		
6	Communications and Change Management Plan	Written		
7	Requirements Traceability Matrix	Written		
8	Software Configuration Plan	Written		
9	Systems Interface Plan and Design/Capability	Written		

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10	Testing Plan	Written		
11	Data Conversion Plan and Design	Written		
12	Deployment Plan	Written		
13	Comprehensive Training Plan and Curriculum	Written		
14	End User Support Plan	Written		
15	Business Continuity Plan	Written		
16	Documentation of Operational Procedures	Written		
INSTALLATION				
17	Provide Software Licenses if needed	Written		
18	Provide Fully Tested Data Conversion Software	Software		
19	Provide Software Installed, Configured, and Operational to Satisfy State Requirements	Software		
TESTING				
20	Conduct Integration Testing	Non-Software		
21	Conduct User Acceptance Testing	Non-Software		
22	Perform Production Tests	Non-Software		
23	Test In-Bound and Out-Bound Interfaces	Software		
24	Conduct System Performance (Load/Stress) Testing	Non-Software		
25	Certification of 3 rd Party Pen Testing and Application Vulnerability Scanning	Non-Software		
SYSTEM DEPLOYMENT				

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26	Converted Data Loaded into Production Environment	Software		
27	Provide Tools for Backup and Recovery of all Applications and Data	Software		
28	Conduct Training	Non-Software		
29	Cutover to New Software	Non-Software		
30	Provide Documentation	Written		
31	Execute Security Plan	Non-Software		
OPERATIONS				
32	Ongoing Hosting Support	Non-Software		
33	Ongoing Support & Maintenance	Software		
34	Conduct Project Exit Meeting	Non-Software		

2. F-2 Proposed Vendor Staff, Resource Hours and Rates Worksheet

Use the Proposed Vendor Staff Position, Resource Hours and Rates Worksheet to indicate the individuals that will be assigned to the Project, hours and applicable rates. Names must be provided for individuals designated for key roles, but titles are sufficient for others. Information is required by phase.

Table F-2: Proposed Vendor Staff, Resource Hours and Rates Worksheet

Title	Name	Initiation	Implementation	Project Close out	Hourly Rate	Hours Rate X
Project Manager						
Data Analyst						
Database Specialist						
Scrum Master						

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Data Scientist						
Position #1						
Position #2						
Position #3						
TOTALS						

3. F-3 Future Vendor Rates Worksheet

The State may request additional Services from the selected Vendor and requires rates in the event that additional Service is required. The following format must be used to provide this information. "SFY" refers to State Fiscal Year. The New Hampshire State Fiscal Year runs from July 1 through June 30 of the following calendar year. Positions not identified in the Proposed Position Worksheet may be included in the Future Vendor Rates Worksheet.

Table F-3: Future Vendor Rates Worksheet

Position Title	SFY 201X	SFY 201X	SFY 201X	SFY 201X
Project Manager				
Position #1				
Position #2				
Position #3				

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4. F-4 HARDWARE COST worksheet

Table F-4: Hardware

Hardware Name	Initial Cost	Maintenance Support and Upgrades				
		Year 1	Year 2	Year 3	Year 4	Year 5

5. F-5 Software Licensing, Maintenance, and Support Pricing Worksheet

Table F-5: Software Licensing, Maintenance, and Support Pricing Worksheet

Software Name	Initial Cost	Maintenance Support and Upgrades				
		Year 1	Year 2	Year 3	Year 4	Year 5

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6. F-6 Web Site Hosting, Maintenance, and Support Pricing Worksheet

Table F-6: Web Site Hosting, Maintenance, and Support Pricing Worksheet

HOSTED SERVICES	Year 1	Year 2	Year 3	Year 4	Year 5	TOTAL
Web Site Hosting Fee						
Technical Support and updates						
Maintenance and Updates						
GRAND TOTAL						

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1. APPENDIX G-1 SECURITY

1.1. G-1.1 Application Security

IT Security involves all functions pertaining to the securing of State Data and systems through the creation and definition of security policies, procedures and controls covering such areas as Identification, Authentication and non-repudiation. This shall include but is not limited to:

- 1.1.1. Develop Software applications based on industry best practices and incorporating information security throughout the Software development life cycle;
- 1.1.2. Perform a Code Review prior to release of the application to the State to move it into production. The code Review may be done in a manner mutually agreeable to the selected VENDOR and the State. Copies of the final, remediated results shall be provided to the State for Review and audit purposes;
- 1.1.3. Follow Change Control Procedures (CCP) relative to release of code;
- 1.1.4. Develop applications following security-coding guidelines as set forth by organizations such as, but not limited to Open Web Application Security Project (OWASP) Top 10, SANS Common Weakness Enumeration (CWE) Top 25 or CERT Secure Coding; and
- 1.1.5. Make available to the for review and audit purposes all Software development processes and require training for application developers on secure coding techniques.

1.2. G-1.2 PCI DSS Payment Application Data Security Standard (PA DSS)

Whereas the Vendor provides a Commercial Off the Shelf (COTS) product used by the Health and Human Services, which transmits, processes or stores cardholder Data and therefore must meet PA-DSS validation requirements

Whereas the Vendor access to the production environment which transmits, processes or stores cardholder data and therefore is considered a “service provider” under Requirement 12.8 of the PCI DSS Compliance.

The Vendor agrees to the following provisions:

- 1.2.1. PCI DSS Payment Application Data Security Standard (PA DSS) - As the Vendor’s product is part of the processing, transmission, and/or storage of cardholder Data it is hereby agreed that:
 - 1.2.1.1. Vendor agrees to participate in the Payment Card Security Standards Council (PCI) Payment Application Data Security Standards program (PA DSS);

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- 1.2.1.2. Vendor agrees to provide evidence of compliance with PA DSS prior to Contract approval; and
- 1.2.1.3. Vendor will immediately notify the NH DoIT Chief Information Security Officer if it learns its application is no longer PA DSS compliant and will immediately provide the DOIT of the steps being taken to remediate the non-compliance status. In no event should Vendor's notification to the DoIT be later than seven (7) calendar days after Vendor learns it is no longer PA DSS complaint.
- 1.2.2. PCI DSS Requirement 12.8, Service Provider – If the Vendor provides Services on the production environment used in the processing, transmission and/or storage of cardholder Data, it is hereby agreed that:
 - 1.2.2.1. Vendor agrees that it is responsible for the security of all cardholder Data that it obtains or possesses, including but not limited to the functions relating to storing, processing, and transmitting the cardholder Data;
 - 1.2.2.2. Vendor attests that, as of the Effective Date of this Amendment, it has complied with all applicable requirements to be considered PCI DSS compliant, and has performed the necessary steps to validate its compliance with the PCI DSS; and
 - 1.2.2.3. Vendor agrees to supply the current status of Vendor's PCI DSS compliance, and evidence of its most recent validation of compliance upon execution of this addendum to Agency. Vendor must supply to Agency an attestation of compliance at least annually.
 - 1.2.2.4. Vendor will immediately notify Agency if it learns that it is no longer PCI DSS compliant and will immediately provide Agency the steps being taken to remediate the non-compliance status. In no event shall Vendor's notification to Agency be later than seven (7) calendar days after Vendor learns it is no longer PCI DSS compliant.
 - 1.2.2.5. Vendor acknowledges that any indemnification provided for under the Contract referenced above applies to the failure of the Vendor to be and to remain PCI DSS compliant.

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2. APPENDIX G-2 TESTING REQUIREMENTS

All testing and Acceptance addressed herein shall apply to testing the System. This shall include planning, test scenario development, Data and System preparation for testing, and execution of Unit Testing, System integration testing, conversion/migration testing, installation testing, performance, and stress testing, Security Review and testing, and support of the State during User Acceptance Testing (UAT).

2.1. G-2.1 Test Planning and Preparation

- 2.1.1. The overall Test Plan will guide all testing. The Vendor provided, State approved, Test Plan will include, at a minimum, identification, preparation, and Documentation of planned testing, a requirements traceability matrix, test variants, test scenarios, test cases, test scripts, test Data, test phases, unit tests, expected results, and a tracking method for reporting actual versus expected results as well as all errors and problems identified during test execution.
- 2.1.2. It is crucial that client training and testing activities not be abbreviated in order to meet Project Implementation Schedules. Therefore, the State requires that the testing activities be represented both in terms of effort and duration.
- 2.1.3. Vendors must disclose in their Proposals the scheduling assumptions used in regard to the Client resource efforts during testing.
- 2.1.4. State testing will commence upon the Vendor Project Manager's Certification, in writing, that the Vendor's own staff has successfully executed all prerequisite Vendor testing, along with reporting the actual testing results, prior to the start of any testing executed by State staff.
- 2.1.5. The State will commence its testing within five (5) business days of receiving Certification from the Vendor that the State's personnel have been trained and the System is installed, configured, complete, and ready for State testing. The testing will be conducted by the State in an environment independent from the Vendor's development environment. The Vendor must assist the State with testing in accordance with the Test Plan and the Work Plan, utilizing test and live Data to validate reports, and conduct stress and performance testing, at no additional cost.

2.2. G-2.2 Testing

- 2.2.1. Testing begins upon completion of the Software configuration as required and user training according to the Work Plan. Testing ends upon issuance of a letter of UAT Acceptance by the State.

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2.2.2. Vendor must demonstrate that their testing methodology can be integrated with the State standard methodology described in Table G-2.2 State Recommended Testing Methodology.

2.3. Table G-2.2 State Recommended Testing Methodology, please propose your methodology and use the following as a guideline.

Reference	Topic	Guideline
1	Unit Testing	<p>Application components are tested on an individual basis to verify that the inputs, outputs, and processing logic of each application component functions without errors. Unit Testing is performed in either the development environment or a testing environment.</p> <p>The goal is to find errors in the smallest unit of Software. If successful, subsequent integration testing should only reveal errors related to the integration between application components.</p>
2	System Integration Testing	<p>a. Validates the integration between the individual unit application components and verifies that the new System meets defined requirements and supports execution of interfaces and business processes. The Systems Integration Test is performed in a test environment.</p> <p>b. Emphasizes end-to-end business processes and the flow of information across applications. It includes all key business processes and interfaces being implemented, confirms Data transfers with external parties, and includes the transmission or printing of all electronic and paper documents.</p> <p>c. The State will conduct System Integration Testing, utilizing scripts developed, as identified in the Test Plan, to validate the functionality of the System and its interfaces. The State will also use System Integration Testing to validate modifications, fixes and other System interactions with the Vendor supplied Software Solution.</p>
3	Conversion /Migration Validation Testing	The Conversion/Migration Validation Testing should replicate the entire flow of the converted Data through the Software Solution. As the Software Solution is interfaced to legacy or third-party applications, the testing verifies that the resulting converted legacy Data performs correctly.
4	<i>Installation Testing</i>	Application components are installed in the System test environment to test the installation routines and are refined for the eventual production environment. This activity serves as a dry run of the installation steps in preparation for configuring the production System.
5	User Acceptance	The User Acceptance Test (UAT) is a Verification process performed in a copy of the production environment. The User Acceptance Test verifies System

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	Testing (UAT)	<p>functionality against predefined Acceptance criteria that support the successful execution of approved business processes.</p> <ul style="list-style-type: none"> a. The Vendor's Project Manager must certify in writing, that the Vendor's own staff has successfully executed all prerequisite Vendor testing, along with reporting the actual testing results prior to the start of any testing executed by State staff. b. The State will be presented with a State approved Test Plan, test scenarios, test cases, test scripts, test Data, and expected results, as well as written Certification of the Vendor's having completed the prerequisite tests, prior to the State staff involvement in any testing activities. c. UAT will also serve as a performance and stress test of the System. It may cover any aspect of the new System, including administrative procedures such as backup and recovery. The results of the UAT provide evidence that the new System meets the User Acceptance criteria as defined in the Work Plan <p>Upon successful conclusion of UAT and successful System deployment, the State will issue a letter of UAT Acceptance and the respective Warranty Period shall commence as described in Appendix H: <i>State of New Hampshire Terms and Conditions</i> - Section H-25.10.1: <i>Warranty Period</i>.</p>
6	Performance Tuning and Stress Testing	<p>Vendor shall develop and document hardware and Software configuration and tuning of System infrastructure as well as assist and direct the State's System Administrators and Database Administrators in configuring and tuning the infrastructure to support the Software throughout the Project</p> <p>Performance Tuning and Stress Testing</p> <p><u>Scope</u></p> <p>The scope of performance testing shall measure the system level metrics critical for the development of the applications infrastructure and operation of the applications in the production environment. It will include the measurement of response rates of the application for end-user transactions and resource utilization (of various servers and network) under various load conditions. These response rates shall become the basis for changes and retesting until optimum system performance is achieved.</p> <p>The application transactions shall be identified with specific roles and selected transactions shall be recorded for the performance measurements. These will be compared to baselines to determine if object and/or system performance increases as changes are made.</p> <p>Performance testing shall consider the full scope of the application infrastructure with emphasis on the most heavily used or shared transactions. Performance testing of the application will profile the identified user transactions and assist in the identifying performance gaps to improve the most critical parts of the</p>

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		<p>applications.</p> <p>Performance testing and tuning shall occur in the final production environment and shall use a copy of the final production database to provide the best results.</p> <p>Vendor must lead this effort. Responsibilities include identifying appropriate tunable parameters and their default and recommended settings, developing scripts, which accurately reflect business load and coordinating reporting of results.</p> <p><u>Test types</u></p> <p>Performance testing shall use two different types of tests to determine the stability of the application. They are baseline tests and load tests</p> <p><u>Baseline Tests:</u> Baseline tests shall collect performance Data and load analysis by running scripts where the output is broken down into business transactions or functions. The test is like a single user executing a defined business transaction. During baseline testing, each individual script is run to establish a baseline for transaction response time, throughput and other user-based metrics. Usually each business transaction is executed multiple times during a single test run to obtain an average for the user-based metrics required for the performance testing evaluations. It must be noted that changes made to the code after baseline testing is completed will skew the results collected to date. All effort will be made to provide a code test base that is tested in the environment for problems prior to the establishment of the baseline, which are used in future testing and tuning efforts. Any changes introduced into the environment after performance testing has started can compromise the accuracy of the results and will force a decision to be made whether baseline results need to be recreated.</p> <p><u>Load Tests:</u> Load testing will determine if the behavior of a system can be sustained over a long period of time while running under expected conditions. Load tests helps to verify the ability of the application environment under different load conditions based on workload distribution. System response time and utilization is measured and recorded.</p> <p><u>Tuning</u></p> <p>Tuning will occur during both the development of the application and load testing. Tuning is the process whereby the application performance is maximized. This can be the result of making code more efficient during development as well as making tuning parameter changes to the environment.</p> <p>For infrastructure tuning, parameters will be identified for all components prior to undertaking the load testing efforts. This should include a list of the variables,</p>
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	<p>their definitions, the default settings, range of acceptable settings and the settings as testing begins. This will permit the team to identify the areas of most potential gain and a starting point. Tuning is a process which is repeated until the team feels that the systems are running at or near optimum performance.</p> <p><u>Implementing Performance and Stress Test</u></p> <p>Performance and Stress test Tools must be provided by the Vendor for this effort. Consideration must be given to licensing with respect to continued use for Regression Testing. If the Vendor is familiar with open source low/no cost tools for this purpose those tools should be identified in your response.</p> <p><u>Scheduling Performance and Stress Testing</u></p> <p>Vendor shall perform test planning. The steps for planning include identification of application functionality as well as what percentage of normal daily use is represented by each function. This information will become the foundation for scripting so that tests closely represent what loads in production will look like.</p> <p>Vendor shall provide definition and expectations from testing. This definition should include who is in charge of testing and coordinating results, anticipated run times, logs required for tracking, their locations and which technician is responsible to track and provide them following each test to the team.</p> <p>Initial test runs shall be completed to establish that the tests and Data sets can be run to completion without errors. The ratio of types of transactions which makeup the test shall be Reviewed prior to the beginning of testing and then again once testing has begun to make sure that testing accurately reflects the system performing in production.</p> <p>Initial tests shall be used to establish a baseline from which all subsequent tests will be compared. Tests will be considered for baseline status once two of them have been run within 2% of each other in key and overall performance areas. No changes to the test scripts or Data sets (with the exception of restores after each test) can be done to the test environment once tuning has begun so as to not damage the comparison to baseline results. The systems must be restarted prior to each test run to assure all cache is cleaned out. All effort will be made to run these tests at a time when system and network infrastructure utilization doesn't impact the results. Tests will be run in close proximity to our infrastructure to eliminate the public network from our environment.</p> <p>Post test reporting and result assessment will be Scheduled following each test. The team will compare these results to the baseline and a determination must be made to make additional changes to the parameter being tuned or return to the prior configuration and select another parameter to tune while keeping in mind that significant changes to any one parameter may require the retesting of some</p>
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		<p>others. Careful work on identifying dependencies up front should minimize this impact.</p> <p>If Defects are identified in the application during testing, they will be recorded; however, changes to the application code should be avoided if possible so as not to affect baseline comparisons. If a change to the application is required new baselines will be established (and possibly the execution of prior tests to validate changes with the new application) before testing can continue.</p> <p>When performing capacity testing against a GUI the focus will be on the ability of the interface to respond to user input.</p> <p>During stress/load testing the tester will attempt to stress or load an aspect of the system to the point of failure. The goal being to determine weak points in the system architecture. The tester will identify peak load conditions at which the program will fail to handle required processing loads within required time spans.</p> <p>During Performance testing the tester will design test case scenarios to determine if the system meets the stated performance criteria (i.e. A Login request shall be responded to in 1 second or less under a typical daily load of 1000 requests per minute.). In both cases, the tester will determine the capacity of the system under a known set of conditions.</p>
7	Regression Testing	<p>As a result, of the user testing activities, problems will be identified that require correction. The State will notify the Vendor of the nature of the testing failures in writing. The Vendor will be required to perform additional testing activities in response to State and/or user problems identified from the testing results.</p> <p>Regression Testing means selective re-testing to detect faults introduced during the modification effort, both to verify that the modifications have not caused unintended adverse effects, and to verify that the modified and related (possibly affected) System components still meet their specified requirements.</p> <ul style="list-style-type: none"> a. For each minor failure of an Acceptance Test, the Acceptance Period shall be extended by corresponding time defined in the Test Plan. b. The Vendor shall notify the State no later than five (5) business days from the Vendor's receipt of written notice of the test failure when the Vendor expects the corrections to be completed and ready for retesting by the State. The Vendor will have up to five (5) business days to make corrections to the problem unless specifically extended in writing by the State. c. When a programming change is made in response to a problem identified during user testing, a Regression Test Plan should be

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		<p>developed by the Vendor based on the understanding of the program and the change being made to the program. The Test Plan has two objectives:</p> <ol style="list-style-type: none">1. Validate that the change/update has been properly incorporated into the program; and2. Validate that there has been no unintended change to the other portions of the program. <p>d. The Vendor will be expected to:</p> <ol style="list-style-type: none">1. Create a set of test conditions, test cases, and test data that will validate that the change has been incorporated correctly;2. Create a set of test conditions, test cases, and test data that will validate that the unchanged portions of the program still operate correctly; and3. Manage the entire cyclic process. <p>e. The Vendor will be expected to execute the Regression Test, provide actual testing results, and certify its completion in writing to the State prior to passing the modified Software application to the users for retesting.</p> <p>In designing and conducting such Regression Testing, the Vendor will be required to assess the risks inherent to the modification being implemented and weigh those risks against the time and effort required for conducting the Regression Tests. In other words, the Vendor will be expected to design and conduct Regression Tests that will identify any unintended consequences of the modification while taking into account Schedule and economic considerations.</p> <p>In their Proposals Vendors must acknowledge their responsibilities for regression testing as described in this section.</p>				
8	Security Review and Testing	<p>IT Security involves all functions pertaining to the securing of State Data and Systems through the creation and definition of security policies, procedures and controls covering such areas as Identification, Authentication and non-repudiation.</p> <p>All components of the Software shall be Reviewed and tested to ensure they protect the State’s hardware and Software and its related Data assets.</p> <table><tr><td>Service Component</td><td>Defines the set of capabilities that:</td></tr><tr><td>Identification and Authentication</td><td>Supports obtaining information about those parties attempting to log onto a system or application for security purposes and the validation of users.</td></tr></table>	Service Component	Defines the set of capabilities that:	Identification and Authentication	Supports obtaining information about those parties attempting to log onto a system or application for security purposes and the validation of users.
Service Component	Defines the set of capabilities that:					
Identification and Authentication	Supports obtaining information about those parties attempting to log onto a system or application for security purposes and the validation of users.					

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			Access Control	Supports the management of permissions for logging onto a computer or network.
			Encryption	Supports the encoding of Data for security purposes
			Intrusion Detection	Supports the detection of illegal entrance into a computer system.
			Verification	Supports the confirmation of authority to enter a computer system, application or network.
			Digital Signature	Guarantees the unaltered state of a file.
			User Management	Supports the administration of computer, application and network accounts within an organization.
			Role/Privilege Management	Supports the granting of abilities to users or groups of users of a computer, application or network.
			Audit Trail Capture and Analysis	Supports the identification and monitoring of activities within an application or system.
			Input Validation	Ensures the application is protected from buffer overflow, cross-site scripting, SQL injection, and unauthorized access of files and/or directories on the server.
				<p>In their Proposal, the Vendors must acknowledge their responsibilities for security testing. Tests shall focus on the technical, administrative and physical security controls that have been designed into the System architecture in order to provide the necessary confidentiality, integrity and availability. Tests shall, at a minimum, cover each of the service components. Test procedures shall include 3rd party Penetration Tests (pen test) or code analysis and review.</p> <p>Prior to the System being moved into production, the Vendor shall provide results of all security testing to the Department of Information Technology for Review and Acceptance. All Software and hardware shall be free of malicious code (malware).</p>
9	Penetration Testing	1.	Implement a methodology for penetration testing that includes the following:	

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		<ul style="list-style-type: none">a. Is based on industry-accepted penetration testing approaches (for example, NIST SP800-115);b. Includes coverage for the entire CDE perimeter and critical systems;c. Includes testing from both inside and outside the network;d. Includes testing to validate any segmentation and scope-reduction controls;e. Defines application-layer penetration tests to include, at a minimum, the vulnerabilities listed in <u>PCI DSS Compliance: Requirement 6.5</u>;f. Defines network-layer penetration tests to include components that support network functions as well as Operating Systems;g. Includes Review and consideration of threats and vulnerabilities experienced in the last 12 months; andh. Specifies retention of penetration testing results and remediation activities results. <ul style="list-style-type: none">2. Perform external penetration testing at least annually and after any significant infrastructure or application upgrade or modification (such as an operating system upgrade, a sub-network added to the environment, or a web server added to the environment).3. Perform internal penetration testing at least annually and after any significant infrastructure or application upgrade or modification (such as an operating system upgrade a sub-network added to the environment, or a web server added to the environment).4. Exploitable vulnerabilities found during penetration testing are corrected and testing is repeated to verify the corrections5. If segmentation is used to isolate the CDE from other networks, perform penetration tests at least annually and after any changes to segmentation controls/methods to verify that the segmentation methods are Operational and effective, and isolate all out-of-scope systems from in-scope systems.
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APPENDIX G-3: CERTIFICATES

3. APPENDIX G-3: CERTIFICATES

3.1. A. Certificate of Good Standing

As a condition of Contract award, the Vendor, if required by law, must furnish a Certificate of Authority/Good Standing dated after April 1, 2018, from the Office of the Secretary of State of New Hampshire. If your company is not registered, an application form may be obtained from:

Secretary of State
State House Annex
25 Capitol Street
Concord, New Hampshire 03301
603-271-3244

If your company is registered, a Certification thereof may be obtained from the Secretary of State.

<Note: Sovereign states or their agencies may be required to submit suitable substitute Documentation concerning their existence and authority to enter into a Contract>

3.2. B. Certificate of Authority/Vote

The Certificate of Authority/Vote authorizes, by position, a representative(s) of your corporation to enter into an Agreement or amendment with the State of New Hampshire. This ensures that the person signing the Agreement is authorized as of the date he or she is signing it to enter into Agreements for that organization with the State of New Hampshire

The officer's signature must be either notarized or include a corporate seal that confirms the title of the person authorized to sign the Agreement. The date the Board officer signs must be on or after the date the amendment is signed. The date the notary signs must match the date the Board officer signs.

You may use your own format for the Certificate of Authority/Vote as long as it contains the necessary language to authorize the Agreement signatory to enter into Agreements and amendments with the State of New Hampshire as of the date they sign.

3.2.1. B.1 CERTIFICATE OF AUTHORITY/VOTE CHECKLIST

3.2.1.1. B.1.1 SOURCE OF AUTHORITY

Authority must come from the governing body, either:

3.2.1.1.1. A majority voted at a meeting; or

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APPENDIX G-3: CERTIFICATES

3.2.1.1.2. The body provided unanimous consent in writing; or

3.2.1.1.3. The organization's policy or governing document.

3.2.2. B.1.2 SOURCE OF AUTHORITY WAS IN EFFECT ON DAY AGREEMENT OR AMENDMENT WAS SIGNED

Certificate must show that the person signing the Contract had authority when they signed the Agreement or Amendment, either:

3.2.2.1. Authority was granted the same day as the day the Agreement or Amendment was signed; or

3.2.2.2. Authority was granted after the day the Agreement or amendment was signed and the governing body ratifies and accepts the earlier execution; or

3.2.2.3. Authority was granted prior to the day the Agreement or amendment was signed and it has not been amended or repealed as of the day the Contract was signed.

3.2.3. B.1.3 APPROPRIATE PERSON SIGNED THE CERTIFICATE

The person signing the certificate may be the same person signing the Agreement or Amendment only if the certificate states that the person is the sole director (for corps) or sole member (for LLCs).

3.3. C. Certificate of Insurance

3.3.1. C.1 Comprehensive general liability insurance against all claims of bodily injury, death or property damage (\$1,000,000 per occurrence and \$2,000,000 aggregate)

3.3.2. C.1.2 Certificate Holder must be: State of NH, <AGENCY NAME>, Commissioner, <AGENCY ADDRESS>, Concord, NH, 03301

3.4. Workers Compensation

3.4.1. D.1 Workers Compensation coverage may be indicated on the insurance form described above.

3.4.1.1. D.1.2 Workers Compensation coverage must comply with State of NH RSA 281-A

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APPENDIX H: STATE OF NEW HAMPSHIRE TERMS AND CONDITIONS

APPENDIX H – STATE OF NEW HAMPSHIRE TERMS AND CONDITIONS

FORM NUMBER P-37 (version 5/8/15)

AGREEMENT

The State of New Hampshire and the Vendor hereby mutually agree as follows:

GENERAL PROVISIONS

1.1 State Agency Name		1.2 State Agency Address	
1.3 Contractor Name		1.4 Contractor Address	
1.5 Contractor Phone Number	1.6 Account Number	1.7 Completion Date	1.8 Price Limitation
1.9 Contracting Officer for State Agency		1.10 State Agency Telephone Number	
1.11 Contractor Signature		1.12 Name and Title of Contractor Signatory	
1.13 Acknowledgement: State of _____, County of _____ On _____, before the undersigned officer, personally appeared the person identified in block 1.12, or satisfactorily proven to be the person whose name is signed in block 1.11, and acknowledged that s/he executed this document in the capacity indicated in block 1.12.			
1.13.1 Signature of Notary Public or Justice of the Peace [Seal]			
1.13.2 Name and Title of Notary or Justice of the Peace			

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1.14 State Agency Signature Date:	1.15 Name and Title of State Agency
1.16 Approval by the N.H. Department of Administration, Division of Personnel (if applicable) By: Director, On:	
1.17 Approval by the Attorney General (Form, Substance and Execution) (<i>if applicable</i>) By: On:	
1.18 Approval by the Governor and Executive Council (<i>if applicable</i>) By: On:	

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2. **EMPLOYMENT OCONTRACTOR/SERVICES TO BE PERFORMED.** The State of New Hampshire, acting through the agency identified in block 1.1 ("State"), engages contractor identified in block 1.3 ("Contractor") to perform, and the Contractor shall perform, the work or sale of goods, or both, identified and more particularly described in the attached EXHIBIT A which is incorporated herein by reference ("Services").

3. **EFFECTIVE DATE/COMPLETION OF SERVICES.**

3.1 Notwithstanding any provision of this Agreement to the contrary, and subject to the approval of the Governor and Executive Council of the State of New Hampshire, if applicable, this Agreement, and all obligations of the parties hereunder, shall become effective on the date the Governor and Executive Council approve this Agreement as indicated in block 1.18, unless no such approval is required, in which case the Agreement shall become effective on the date the Agreement is signed by the State Agency as shown in block 1.14 ("Effective Date").

3.2 If the Contractor commences the Services prior to the Effective Date, all Services performed by the Contractor prior to the Effective Date shall be performed at the sole risk of the Contractor, and in the event that this Agreement does not become effective, the State shall have no liability to the Contractor, including without limitation, any obligation to pay the Contractor for any prices incurred or Services performed. Contractor must complete all Services by the Completion Date specified in block 1.7.

4. **CONDITIONAL NATURE OF AGREEMENT.**

Notwithstanding any provision of this Agreement to the

contrary, all obligations of the State hereunder, including, without limitation, the continuance of payments hereunder, are contingent upon the availability and continued appropriation of funds, and in no event shall the State be liable for any payments hereunder in excess of such available appropriated funds. In the event of a reduction or termination of appropriated funds, the State shall have the right to withhold payment until such funds become available, if ever, and shall have the right to terminate this Agreement immediately upon giving the Contractor notice of such termination. The State shall not be required to transfer funds from any other account to the Account identified in block 1.6 in the event funds in that Account are reduced or unavailable.

5. **CONTRACT PRICE/PRICE LIMITATION/PAYMENT.**

5.1 The contract price, method of payment, and terms of payment are identified and more particularly described in EXHIBIT B which is incorporated herein by reference.

5.2 The payment by the State of the contract price shall be the only and the complete reimbursement to the Contractor for all expenses, of whatever nature incurred by the Contractor in the performance hereof, and shall be the only and the complete compensation to the Contractor for the Services. The State shall have no liability to the Contractor other than the contract price.

5.3 The State reserves the right to offset from any amounts otherwise payable to the Contractor under this Agreement those liquidated amounts required or permitted by N.H. RSA 80:7 through RSA 80:7-c or any other provision of law.

5.4 Notwithstanding any provision in this Agreement to the contrary, and notwithstanding unexpected circumstances, in no event shall the total of all payments authorized, or actually made hereunder, exceed the Price Limitation set forth in block 1.8.

6. **COMPLIANCE BY CONTRACTOR WITH LAWS AND REGULATIONS/ EQUAL EMPLOYMENT OPPORTUNITY.**

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6.1 In connection with the performance of the Services, the Contractor shall comply with all statutes, laws, regulations, and orders of federal, state, county or municipal authorities which impose any obligation or duty upon the Contractor, including, but not limited to, civil rights and equal opportunity laws. This may include the requirement to utilize auxiliary aids and services to ensure that persons with communication disabilities, including vision, hearing and speech, can communicate with, receive information from, and convey information to the Contractor. In addition, the Contractor shall comply with all applicable copyright laws.

6.2 During the term of this Agreement, the Contractor shall not discriminate against employees or applicants for employment because of race, color, religion, creed, age, sex, handicap, sexual orientation, or national origin and will take affirmative action to prevent such discrimination.

6.3 If this Agreement is funded in any part by monies of the United States, the Contractor shall comply with all the provisions of Executive Order No. 11246 ("Equal Employment Opportunity"), as supplemented by the regulations of the United States Department of Labor (41 C.F.R. Part 60), and with any rules, regulations and guidelines as the State of New Hampshire or the United States issue to implement these regulations. The Contractor further agrees to permit the State or United States access to any of the Contractor's books, records and accounts for the purpose of ascertaining compliance with all rules, regulations and orders, and the covenants, terms and conditions of this Agreement.

7. PERSONNEL.

7.1 The Contractor shall at its own expense provide all

personnel necessary to perform the Services. The Contractor warrants that all personnel engaged in the Services shall be qualified to perform the Services, and shall be properly licensed and otherwise authorized to do so under all applicable laws.

7.2 Unless otherwise authorized in writing, during the term of this Agreement, and for a period of six (6) months after the Completion Date in block 1.7, the Contractor shall not hire, and shall not permit any subcontractor or other person, firm or corporation with whom it is engaged in a combined effort to perform the Services to hire, any person who is a State employee or official, who is materially involved in the procurement, administration or performance of this Agreement. This provision shall survive termination of this Agreement.

7.3 The Contracting Officer specified in block 1.9, or his or her successor, shall be the State's representative. In the event of any dispute concerning the interpretation of this Agreement, the Contracting Officer's decision shall be final for the State.

8. EVENT OF DEFAULT/REMEDIES.

8.1 Any one or more of the following acts or omissions of the Contractor shall constitute an event of default hereunder ("Event of Default"):

- 8.1.1 failure to perform the Services satisfactorily or on schedule;
- 8.1.2 failure to submit any report required hereunder; and/or
- 8.1.3 failure to perform any other covenant, term or condition of this Agreement.

8.2. Upon the occurrence of any Event of Default, the State may take any one, or more, or all, of the following actions:

- 8.2.1 give the Contractor a written notice specifying the Event of Default and requiring it to be remedied within, in the absence of a greater or lesser specification of time, thirty (30) days from the date of the notice; and if the Event of Default is not timely remedied, terminate this Agreement, effective two(2) days after giving the Contractor notice of termination;

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- 8.2.2. give the Contractor a written notice specifying the Event of Default and suspending all payments to be made under this Agreement and ordering that the portion of the contract price which would otherwise accrue to the Contractor during the period from the date of such notice until such time as the State determines that the Contractor has cured the Event of Default shall never be paid to the Contractor;
- 8.2.3. set off against any other obligations the State may owe to the Contractor any damages the State suffers by reason of any Event of Default; and/or
- 8.2.4. treat the Agreement as breached and pursue any of its remedies at law or in equity, or both.

**9. DATA/ACCESS/CONFIDENTIALITY/
PRESERVATION.**

9.1 As used in this Agreement, the word "data" shall mean all information and things developed or obtained during the performance of, or acquired or developed by reason of, this Agreement, including, but not limited to, all studies, reports, files, formulae, surveys, maps, charts, sound recordings, video recordings, pictorial reproductions, drawings, analyses, graphic representations, computer programs, computer printouts, notes, letters, memoranda, papers, and documents, all whether finished or unfinished.

9.2 All data and any property which has been received from the State or purchased with funds provided for that purpose under this Agreement, shall be the property of the State, and shall be returned to the State upon demand or upon termination of this Agreement for any reason.

9.3 Confidentiality of data shall be governed by N.H. RSA chapter 91-A or other existing law. Disclosure of data requires prior written approval of the State.

10. TERMINATION. In the event of an early termination of this Agreement for any reason other than the completion of the Services, the Contractor shall deliver to the Contracting Officer, not later than fifteen (15) days after the date of termination, a report ("Termination Report") describing in detail all Services performed, and the contract price earned, to and including the date of termination. The form, subject matter, content, and number of copies of the Termination Report shall be identical to those of any Final Report described in the attached EXHIBIT A.

11. CONTRACTOR'S RELATION TO THE STATE. In the performance of this Agreement the Contractor is in all respects an independent contractor, and is neither an agent nor an employee of the State. Neither the Contractor nor any of its officers, employees, agents or members shall have authority to bind the State or receive any benefits, workers' compensation or other emoluments provided by the State to its employees.

**12.ASSIGNMENT/DELEGATION
/SUBCONTRACTS.**

The Contractor shall not assign, or otherwise transfer any interest in this Agreement without the prior written notice and consent of the State. None of the Services shall be subcontracted by the Contractor without the prior written notice and consent of the State.

13. INDEMNIFICATION. The Contractor shall defend, indemnify and hold harmless the State, its officers and employees, from and against any and all losses suffered by the State, its officers and employees, and any and all claims, liabilities or penalties asserted against the State, its officers and employees, by or on behalf of any person, on account of, based or resulting from, arising out of (or which may be claimed to arise out of) the acts or omissions of the Contractor. Notwithstanding the foregoing, nothing herein contained shall be deemed to constitute a waiver of the sovereign immunity of the State, which immunity is hereby reserved to the State. This covenant in paragraph 13 shall survive the termination of this Agreement.

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14. INSURANCE.

14.1 The Contractor shall, at its sole expense, obtain and maintain in force, and shall require any subcontractor or assignee to obtain and maintain in force, the following insurance:

14.1.1 comprehensive general liability insurance against all claims of bodily injury, death or property damage, in amounts of not less than \$1,000,000 per occurrence and \$2,000,000 aggregate ; and

14.1.2 special cause of loss coverage form covering all property subject to subparagraph 9.2 herein, in an amount not less than 80% of the whole replacement value of the property.

14.2 The policies described in subparagraph 14.1 herein shall be on policy forms and endorsements approved for use in the State of New Hampshire by the N.H. Department of Insurance, and issued by insurers licensed in the State of New Hampshire.

14.3 The Contractor shall furnish to the Contracting Officer identified in block 1.9, or his or her successor, a certificate(s) of insurance for all insurance required under this Agreement. Contractor shall also furnish to the Contracting Officer identified in block 1.9, or his or her successor, certificate(s) of insurance for all renewal(s) of insurance required under this Agreement no later than thirty (30) days prior to the expiration date of each of the insurance policies. The certificate(s) of insurance and any renewals thereof shall be attached and are incorporated herein by reference. Each certificate(s) of insurance shall contain a clause requiring the insurer to provide the Contracting Officer identified in block 1.9, or his or her successor, no less than thirty (30) days prior written notice of cancellation or modification of the policy.

15. WORKERS' COMPENSATION.

15.1 By signing this agreement, the Contractor agrees,

certifies and warrants that the Contractor is in compliance with or exempt from, the requirements of N.H. RSA chapter 281-A ("*Workers' Compensation*").

15.2 To the extent the Contractor is subject to the requirements of N.H. RSA chapter 281-A, Contractor shall maintain, and require any subcontractor or assignee to secure and maintain, payment of Workers' Compensation in connection with activities which the person proposes to undertake pursuant to this Agreement. Contractor shall furnish the Contracting Officer identified in block 1.9, or his or her successor, proof of Workers' Compensation in the manner described in N.H. RSA chapter 281-A and any applicable renewal(s) thereof, which shall be attached and are incorporated herein by reference. The State shall not be responsible for payment of any Workers' Compensation premiums or for any other claim or benefit for Contractor, or any subcontractor or employee of Contractor, which might arise under applicable State of New Hampshire Workers' Compensation laws in connection with the performance of the Services under this Agreement.

16. **WAIVER OF BREACH.** No failure by the State to enforce any provisions hereof after any Event of Default shall be deemed a waiver of its rights with regard to that Event of Default, or any subsequent Event of Default. No express failure to enforce any Event of Default shall be deemed a waiver of the right of the State to enforce each and all of the provisions hereof upon any further or other Event of Default on the part of the Contractor.

17. **NOTICE.** Any notice by a party hereto to the other party shall be deemed to have been duly delivered or given at the time of mailing by certified mail, postage prepaid, in a United States Post Office addressed to the parties at the addresses given in blocks 1.2 and 1.4, herein.

18. **AMENDMENT.** This Agreement may be amended, waived or discharged only by an instrument in writing signed by the parties hereto and only after approval of such amendment, waiver or discharge by the Governor and Executive Council of the State of New Hampshire unless no such approval is required under the circumstances pursuant to State law, rule or policy.

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19. CONSTRUCTION OF AGREEMENT AND TERMS.

This Agreement shall be construed in accordance with the

laws of the State of New Hampshire, and is binding upon and inures to the benefit of the parties and their respective successors and assigns. The wording used in this Agreement is the wording chosen by the parties to express their mutual intent, and no rule of construction shall be applied against or in favor of any party.

20. THIRD PARTIES. The parties hereto do not intend to benefit any third parties and this Agreement shall not be construed to confer any such benefit.

21. HEADINGS. The headings throughout the Agreement are for reference purposes only, and the words contained therein shall in no way be held to explain, modify, amplify or aid in the interpretation, construction or meaning of the provisions of this Agreement.

22. SPECIAL PROVISIONS. Additional provisions set forth in the attached EXHIBIT C are incorporated herein by reference.

23. SEVERABILITY. In the event any of the provisions of this Agreement are held by a court of competent jurisdiction to be contrary to any state or federal law, the remaining provisions of this Agreement will remain in full force and effect.

24. ENTIRE AGREEMENT. This Agreement, which may be executed in a number of counterparts, each of which shall be deemed an original, constitutes the entire Agreement and understanding between the parties, and supersedes all prior Agreements and understandings relating hereto.

25. APPENDIX H-25: GENERAL CONTRACT REQUIREMENTS

25.1. H-25.1 State of NH Terms and Conditions and Contract Requirements

The Contract terms set forth in Appendix H: *State of New Hampshire Terms and Conditions* shall constitute the core for any Contract resulting from this RFP.

25.2. H-25.2 Vendor Responsibilities

25.2.1. The Vendor shall be solely responsible for meeting all requirements, and terms and conditions specified in this RFP, its Proposal, and any resulting Contract, regardless of whether or not it proposes to use any Subcontractor.

25.2.2. The Vendor may subcontract Services subject to the provisions of the RFP, including but not limited to, the terms and conditions in Appendix H: *State of New Hampshire Terms and Conditions*. The Vendor must submit with its Proposal all information and documentation relating to the Subcontractor necessary to fully respond to the RFP, which must include terms and conditions consistent with this RFP. The Vendor shall remain wholly responsible for performance of the entire Contract regardless of whether a Subcontractor is used. The State will consider the Vendor to be the sole point of contact with regard to all contractual matters, including payment of any and all charges resulting from any Contract.

25.3. H-25.3 Project Budget/Price Limitation

The State has funds budgeted for this Project, subject to Appendix H: *State of New Hampshire Terms and Conditions*, P-37, General Provision - Section 4: *Conditional Nature of Agreement*, and P-37, General Provision - Section 5: *Contract Price/Price Limitation/Payment*.

25.4. H-25.4 State Contracts

The State of New Hampshire intends to use, wherever possible, existing statewide software and hardware Contracts to acquire supporting Software and hardware.

25.5. H-25.5 Vendor Staff

25.5.1. In the Proposal the Vendor shall assign and identify a Project Manager and key Vendor staff, in accordance with the Requirements and Deliverables of Appendix C: *System Requirements and Deliverables* and Appendix E: *Standards for Describing Vendor Qualifications*.

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- 25.5.2. The Vendor's selection of a Project Manager will be subject to the prior approval of the State. The State's approval process may include, without limitation, at the State's discretion, Review of the proposed Project Manager's resume, qualifications, references and background checks, and an interview. The Vendor's Project Manager must be qualified to perform the obligations required of the position under the Contract, have full authority to make binding decisions, and shall function as the Vendor's representative for all administrative and management matters. The Project Manager must be available to promptly respond during Normal Working Hours within two (2) hours to inquiries from the State, and be at the site as needed. The Vendor must use his or her best efforts on the Project.
- 25.5.3. The Vendor shall not change key Vendor staff and Project Manager commitments (collectively referred to as "Project Staff") unless such replacement is necessary due to sickness, death, termination of employment, or unpaid leave of absence. Any such changes to the Vendor's Project Staff shall require the prior written approval of the State. Replacement Project Staff shall have comparable or greater skills with regard to performance of the Project as the staff being replaced and be subject to the provisions of this RFP and any resulting Contract.
- 25.5.4. The State, at its sole expense, may conduct reference and background checks on the Vendor's Project Staff. The State shall maintain the confidentiality of reference and background screening results. The State reserves the right to reject the Vendor's Project Staff as a result of such reference and background checks. The State also reserves the right to require removal or reassignment of the Vendor's Key Project Staff found unacceptable to the State.
- 25.5.5. Notwithstanding anything to the contrary, the State shall have the option to terminate the Contract, at its discretion, if it is dissatisfied with the Vendor's replacement Project Staff.
- 25.6. H-25.6 Work Plan
- 25.6.1. Vendor shall submit a preliminary Work Plan in its Proposal. The Work Plan shall include, without limitation, a detailed description of the Schedule, tasks, Deliverables, major milestones, task dependencies, and payment Schedule. A final Work Plan will be due five (5) business days after Contract award upon approval by Governor and Executive Council.

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- 25.6.2. The Vendor shall update the Work Plan as necessary, but no less than every two weeks to accurately reflect the status of the Project, including without limitation, the Schedule, tasks, Deliverables, major milestones, task dependencies, and payment Schedule. Any updates to the Work Plan shall require the written approval of the State prior to final incorporation into the Contract.
 - 25.6.3. Unless otherwise agreed in writing by the State, changes to the Work Plan shall not relieve the Vendor from liability to the State for any damages resulting from the Vendor's failure to perform its obligations under the Contract, including without limitation, performance in accordance with the Schedule.
 - 25.6.4. In the event of a delay in the Schedule, the Vendor must immediately notify the State in writing. The written notification will identify the nature of the delay, i.e., specific actions or inactions of the Vendor or State causing the problem; its estimated duration period to reconciliation; specific actions that need to be taken to correct the problem; and the expected Schedule affect the Project.
 - 25.6.5. In the event the Vendor requires additional time to correct Deficiencies, the Schedule shall not change unless previously agreed in writing by the State, except that the Schedule shall automatically extend on a day-to-day basis to the extent that the delay does not result from Vendor's failure to fulfill its obligations under the Contract. To the extent that the State's execution of its major tasks takes longer than described in the Work Plan, the Schedule shall automatically extend on a day-to-day basis.
 - 25.6.6. Notwithstanding anything to the contrary, the State shall have the option to terminate the Contract for default, at its discretion, if it is dissatisfied with the Vendor's Work Plan or elements within the Work Plan.
- 25.7. H-25.7 Change Orders
- 25.7.1. The State may make changes or revisions at any time by written Change Order. Within five (5) business days of a Vendor's receipt of a Change Order, the Vendor shall advise the State, in detail, of any impact on cost (e.g., increase or decrease), the Schedule, or the Work Plan.

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- 25.7.2. A Vendor may request a change within the scope of the Contract by written Change Order, identifying any impact on cost, the Schedule, or the Work Plan. The State shall attempt to respond to a Vendor's requested Change Order within five (5) business days. The State, which includes the requesting Agency and the Department of Information Technology, must approve all Change Orders in writing. The State shall be deemed to have rejected the Change Order if the parties are unable to reach an Agreement in writing.
- 25.7.3. All Change Order requests from a Vendor to the State, and the State Acceptance of a Vendor's estimate for a State requested change, will be acknowledged and responded to, either Acceptance or rejection, in writing. If accepted, the Change Order(s) shall be subject to the Contract amendment process, as determined to apply by the State.

25.8. H-25.7 Deliverables

The Vendor shall provide the State with the Deliverables and Services in accordance with the time frames in the Work Plan. All Deliverables shall be subject to the State's Acceptance as set forth in Appendix H: *State of New Hampshire Terms and Conditions* - Section H-25.9: *Testing and Acceptance*, herein. Upon its submission of a Deliverable, the Vendor represents that it has performed its obligations under the Contract associated with the Deliverable.

By unconditionally accepting a Deliverable, the State reserves the right to reject any and all Deliverables in the event the State detects any Deficiency in the System, in whole or in part, through completion of all Acceptance Testing, including but not limited to, Software/System Acceptance Testing, and any extensions thereof.

For each denial of Acceptance, the Acceptance Period may be extended, at the option of the State, by the corresponding time required to correct the Deficiency, retest or Review.

25.8.1. H-25.7.1 Written Deliverables Review

The State will Review the Written Deliverables for an Acceptance Period of five (5) business days after receiving written Certification from the Vendor that the Written Deliverable is final, complete, and ready for Review. The State will notify the Vendor in writing of its Acceptance or Non-Acceptance of a Deliverable by the end of the five (5) day Review Period. If any Deficiencies exist, the State will notify the Vendor in writing of the Deficiency and the Vendor must correct the Deficiency within five (5) business days of receiving notice from the State at no charge to the State. Upon receipt of the corrected Deliverable, the State will have five (5) business days to Review the corrected Written Deliverable and notify the Vendor in writing of its Acceptance or rejection thereof.

25.8.2. H-25.7.2 Software Deliverables Review

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Described in Section H-25.9: *Testing and Acceptance, herein.*

25.8.3. H-25.7.3 Non-Software Deliverables Review

The State will Review Non-Software Deliverables to determine whether any Deficiency exists and notify the Vendor in writing of its Acceptance or non-acceptance of the Non-Software Deliverable. The Vendor must correct the Deficiencies within five (5) business days, or within the period identified in the Work Plan, as applicable. Following correction of the Deficiency, the State will notify the Vendor in writing of its Acceptance or rejection of the Deliverable.

25.9. H-25.8 Licenses

The State has defined the Software License grant rights, terms and conditions, and has documented the evaluation criteria.

25.9.1. H-25.8.1 Software License Grant

The Software License shall grant the State a worldwide, perpetual, irrevocable, non-exclusive, non-transferable, limited license to use the Software and its associated Documentation, subject to the terms of the Contract.

The State may allow its agents and Vendors to access and use the Software, and in such event, the State shall first obtain written Agreement from such agents and Vendors that each shall abide by the terms and conditions set forth herein.

25.9.2. H-25.8.2 Software and Documentation Copies

The Vendor shall provide the State with a sufficient number of hard copy versions of the Software's associated Documentation and one (1) electronic version in Microsoft WORD and PDF format. The State shall have the right to copy the Software and its associated Documentation for its internal business needs. The State agrees to include copyright and proprietary notices provided to the State by the Vendor on such copies.

25.9.3. H-25.8.3 Restrictions

Except as otherwise permitted under the Contract, the State agrees not to:

- 25.9.3.1. Remove or modify any program markings or any notice of Vendor's proprietary rights;
- 25.9.3.2. Make the programs or materials available in any manner to any third party for use in the third party's business operations, except as permitted herein; or
- 25.9.3.3. Cause or permit reverse engineering, disassembly or recompilation of the programs.

25.9.4. H-25.8.4 Title

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The Vendor must hold the right to allow the State to use the Software or hold all title, right, and interest (including all ownership and intellectual property rights) in the Software and its associated Documentation.

25.9.5. H-25.8.5 Third Party

The Vendor shall identify all third party contracts to be provided under the Contract with the Vendor's Proposal. The terms in any such contracts must be consistent with this RFP and any resulting Contract, including, but not limited to Appendix H: *State of New Hampshire Terms and Conditions* - General Provisions Form P-37.

25.10.H-25.9 Testing and Acceptance

The State requires that an integrated and coherent approach to complete System testing, Security Review and Testing, Deficiency correction, Acceptance, and training, and that Warranty Services be provided to ensure a successful Project.

In its Proposal, the Vendor is to include its proposed Test Plan methodology and any scheduling assumptions used regarding the client resource efforts required during testing. After Contract award, the Vendor will be required to customize its proposed Test Plan methodology to reflect the needs of the Project and include the details of its Test Plan methodology in the detailed Work Plan (the first Project Deliverable). A separate Test Plan and set of test materials will be prepared for each Software function or module.

In addition, the Vendor will provide a mechanism for reporting actual test results vs. expected results and for the resolution and tracking of all errors and problems identified during test execution. The Vendor will also provide training as necessary to the State staff responsible for test activities.

See Appendix G-1 for Testing Requirements

25.10.1.H-25.9.1 Remedies

- 25.10.1.1. If the Vendor fails to correct a Deficiency within the period of time allotted by the State, the Vendor shall be deemed to have committed an Event of Default, pursuant Appendix H: *State of New Hampshire Terms and Conditions* - P-37, General Provisions - Section 8: *Event of Default/Remedies*, and H-25.14: *Termination*, and the State Shall have the right, at its option, to pursue the remedies in Section H-25.14.1: *Termination for Default* as well as to return the Vendor's product and receive a refund for all amounts paid to the Vendor, including but not limited to, applicable license fees, within ninety (90) days of notification to the Vendor of the State's refund request

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25.10.1.2. Notwithstanding any provision of the Contract, the State's option to terminate the Contract and pursue the stated remedies will remain in effect until the Vendor completes the Contract to the satisfaction of the State.

25.10.2.H-25.9.2 System Acceptance

Upon completion of the Warranty Period, the State will issue a Letter of Final System Acceptance.

25.11.H-25.10 Warranty

25.11.1.H-25.10.1 Warranty Period

The Warranty Period will initially commence upon the State issuance of a Letter of Acceptance for UAT and will continue for ninety (90) days. If within the last thirty (30) calendar days of the Warranty Period, the System Software fails to operate as specified, the Warranty Period will cease, the Vendor will correct the Deficiency, and a thirty (30) calendar day Warranty Period will begin. Any further Deficiencies with the Software must be corrected and run fault free for thirty (30) days.

25.11.2.H-25.10.2 Warranties

25.11.2.1. H-25.10.2.1 System

The Vendor shall warrant that the System must operate to conform to the Specifications, terms, and requirements of the Contract.

25.11.2.2. H-25.10.2.2 Software

The Vendor shall warrant that the Software is properly functioning within the System, compliant with the requirements of the Contract, and will operate in accordance with the Specifications. Software shall be archived and or version controlled through the use of Harvest Software.

25.11.2.3. H-25.10.2.3 Non-Infringement

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The Vendor shall warrant that it has good title to, or the right to allow the State to use all Services, equipment, and Software provided under this Contract, and that such Services, equipment, and Software ("Material") do not violate or infringe any patent, trademark, copyright, trade name or other intellectual property rights or misappropriate a trade secret of any third party.

25.11.2.4. H-25.10.2.4 Viruses; Destructive Programming

The Vendor shall warrant that the Software will not contain any viruses, destructive programming, or mechanisms designed to disrupt the performance of the Software in accordance with the Specifications.

25.11.2.5. H-25.10.2.5 Compatibility

The Vendor shall warrant that all System components, including any replacement or upgraded System Software components provided by the Vendor to correct Deficiencies or as an Enhancement, shall operate with the rest of the System without loss of any functionality.

25.11.2.6. H-25.10.2.6 Professional Services

The Vendor shall warrant that all Services provided under the Contract will be provided in a professional manner in accordance with industry standards and that Services will comply with performance standards.

25.11.3. H-25.10.3 Warranty Services

The Vendor shall agree to maintain, repair, and correct Deficiencies in the System Software, including but not limited to the individual modules or functions, during the Warranty Period at no additional cost to the State, in accordance with the Specifications and terms and requirements of the Contract, including without limitation, correcting all errors, and Defects and Deficiencies; eliminating viruses or destructive programming; and replacing incorrect, Defective or Deficient Software and Documentation.

Warranty Services shall include, without limitation, the following:

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- 25.11.3.1. Maintain the System Software in accordance with the Specifications, terms, and requirements of the Contract;
- 25.11.3.2. Repair or replace the System Software or any portion thereof so that the System operates in accordance with the Specifications, terms, and requirements of the Contract;
- 25.11.3.3. The Vendor shall have available to the State on-call telephone assistance, with issue tracking available to the State, twenty four (24) hours per day and seven (7) days a week with an email / telephone response within two (2) hours of request, with assistance response dependent upon issue severity;
- 25.11.3.4. On-site additional Services within four (4) business hours of a request;
- 25.11.3.5. Maintain a record of the activities related to Warranty Repair or maintenance activities performed for the State; and
- 25.11.3.6. For all Warranty Services calls, the Vendor shall ensure the following information will be collected and maintained:
 - 25.11.3.6.1. Nature of the Deficiency;
 - 25.11.3.6.2. Current status of the Deficiency;
 - 25.11.3.6.3. Action plans, dates, and times;
 - 25.11.3.6.4. Expected and actual completion time;
 - 25.11.3.6.5. Deficiency resolution information;
 - 25.11.3.6.6. Resolved by;
 - 25.11.3.6.7. Identifying number i.e. work order number; and
 - 25.11.3.6.8. Issue identified by.
- 25.11.3.7. The Vendor must work with the State to identify and troubleshoot potentially large-scale Software failures or Deficiencies by collecting the following information:
 - 25.11.3.7.1. Mean time between reported Deficiencies with the Software;
 - 25.11.3.7.2. Diagnosis of the root cause of the problem; and
 - 25.11.3.7.3. Identification of repeat calls or repeat Software problems.

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- 25.11.3.8. All Deficiencies found during the Warranty Period and all Deficiencies found with the Warranty Releases shall be corrected by the Vendor no later than five (5) business days, unless specifically extended in writing by the State, at no additional cost to the State.
- 25.11.3.9. If in the Event of Default, the Vendor fails to correct the Deficiency within the allotted period of time (see above), the State shall have the right, at its option: 1) declare the Vendor in default, terminate the Contract, in whole or in part, without penalty or liability to the State; 2) return the Vendor's product and receive a refund for all amounts paid to the Vendor, including but not limited to, applicable license fees within ninety (90) days of notification to the Vendor of the State's intent to request a refund; 3) and to pursue its remedies available at law or in equity.
- 25.11.3.10. Notwithstanding any provision of the Contract, the State's option to terminate the Contract and pursue the remedies above will remain in effect until satisfactory completion of the full Warranty Period.

25.12.H-25.11 Ongoing Software Maintenance and Support Levels

The Vendor shall maintain and support the system in all material respects as described in the applicable program Documentation after delivery and the Warranty Period of ninety (90) days through the completion of the Contract term.

The Vendor will not be responsible for maintenance or support for Software developed or modified by the State.

25.12.1.H-25.11.1 Maintenance Releases

The Vendor shall make available to the State the latest program updates, general maintenance releases, selected functionality releases, patches, and Documentation that are generally offered to its customers, at no additional cost.

25.12.2.H-25.11.2 Vendor Responsibility

The Vendor shall be responsible for performing on-site or remote technical support in accordance with the Contract Documents, including without limitation the requirements, terms, and conditions contained herein.

As part of the Software maintenance Agreement, ongoing Software maintenance and support levels, including all new Software releases, shall be responded to according to the following:

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- 25.12.2.1. a. Class A Deficiencies - The Vendor shall have available to the State on-call telephone assistance, with issue tracking available to the State, eight (8) hours per day and five (5) days a week with an email / telephone response within two (2) hours of request; or the Vendor shall provide support on-site or with remote diagnostic Services, within four (4) business hours of a request;
- 25.12.2.2. b. Class B & C Deficiencies –The State shall notify the Vendor of such Deficiencies during regular business hours and the Vendor shall respond back within four (4) hours of notification of planned corrective action;
- 25.12.3. The Vendor shall repair or replace Software, and provide maintenance of the Software in accordance with the Specifications, Terms and Requirements of the Contract;
- 25.12.4. The Vendor shall maintain a record of the activities related to warranty repair or maintenance activities performed for the State;
- 25.12.5. For all maintenance Services calls, the Vendor shall ensure the following information will be collected and maintained:
 - 25.12.5.1. Nature of the Deficiency;
 - 25.12.5.2. Current status of the Deficiency;
 - 25.12.5.3. Action plans, dates, and times;
 - 25.12.5.4. Expected and actual completion time;
 - 25.12.5.5. Deficiency resolution information;
 - 25.12.5.6. Resolved by;
 - 25.12.5.7. Identifying number i.e. work order number; and
 - 25.12.5.8. Issue identified by.
- 25.12.6. The Vendor must work with the State to identify and troubleshoot potentially large-scale System failures or Deficiencies by collecting the following information: 1) mean time between reported Deficiencies with the Software; 2) diagnosis of the root cause of the problem; and 3) identification of repeat calls or repeat Software problems.

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25.12.7. If the Vendor fails to correct a Deficiency within the allotted period of time Stated above, the Vendor shall be deemed to have committed an Event of Default, pursuant to Appendix H: *State of New Hampshire Terms and Conditions* - Section H-25.14.1: *Termination for Default*, and the State shall have the right, at its option, to pursue the remedies in H-25.14: *Termination*, as well as to return the Vendor's product and receive a refund for all amounts paid to the Vendor, including but not limited to, applicable license fees, within ninety (90) days of notification to the Vendor of the State's refund request

25.13.H-25.12 Administrative Specifications

25.13.1.H-25.12.1 Travel Expenses

The State will not be responsible for any travel or out of pocket expenses incurred in the performance of the Services.

The Vendor must assume all travel and related expenses by "fully loading" the proposed labor rates to include, but not limited to: meals, hotel/housing, airfare, car rentals, car mileage, and out of pocket expenses.

25.13.2.H-25.11.2 Shipping and Delivery Fee Exemption

The State will not pay for any shipping or delivery fees unless specifically itemized in the Contract.

25.13.3.H-25.12.3 Project Workspace and Office Equipment

The State agency will work with the Vendor to determine the requirements for providing all necessary workspace and office equipment, including desktop computers for the Vendor's staff. If a Vendor has specific requirements, they must be included in the Vendor's Proposal.

25.13.4.H-25.12.4 Work Hours

Vendor personnel shall provide Services between the Work Hours of <8:00 a.m. and 5:00 p.m. EST, eight (8) hour days, forty (40) hour weeks>, excluding State of New Hampshire holidays. Changes to this Schedule may be made upon Agreement with the State Project Manager.

25.13.5.H-25.12.5 Access/Cooperation

As applicable, and reasonably necessary, and subject to the applicable State and federal laws and regulations and restrictions imposed by third parties upon the State, the State will provide the Vendor with access to all program files, libraries, personal computer-based systems, software packages, network systems, security systems, and hardware as required to complete the contracted Services.

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The State will use reasonable efforts to provide approvals, authorizations, and decisions reasonably necessary to allow the Vendor to perform its obligations under the Contract.

25.13.6.H-25.12.6 State-Owned Documents and Data

The Vendor shall provide the State access to all Documents, State Data, materials, reports, and other work in progress relating to the Contract ("State Owned Documents"). Upon expiration or termination of the Contract with the State, Vendor shall turn over all State-owned Documents, State Data, material, reports, and work in progress relating to this Contract to the State at no additional cost to the State. State-Owned Documents must be provided in both printed and electronic format.

25.13.7.H-25.12.7 Intellectual Property

<NOTE: MAY NEED TO BE CHANGED - WORDING DEPENDS ON THE OWNERSHIP STATUS OF ANY CUSTOM CODE DEVELOPED>

Title, right, and interest (including all ownership and intellectual property rights) in the Software, and its associated Documentation, shall remain with the Department of Health and Human Services.

Upon successful completion and/or termination of the Implementation of the Project, Health and Human Services shall own and hold all, title, and rights in any solution modifications <Custom Code> developed in connection with performance of obligations under the Contract, or modifications to the Vendor provided Software, and their associated Documentation including any and all performance enhancing operational plans and the Vendors' special utilities. The Vendor shall license back to the State the right to produce, publish, or otherwise use such Software, source code, object code, modifications, reports, and Documentation developed under the Contract.

In no event shall the Vendor be precluded from developing for itself, or for others, materials that are competitive with, or similar to Custom Software, modifications developed in connection with performance of obligations under the Contract. In addition, the Vendor shall be free to use its general knowledge, skills, experience, and any other ideas, concepts, know-how, and techniques that are acquired or used in the course of its performance under this Agreement.

25.13.8.H-25.12.8 IT Required Work Procedures

All work done must conform to standards and procedures established by the Department of Information Technology and the State.

25.13.9.H-25.12.9 Computer Use

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In consideration for receiving access to and use of the computer facilities, network, licensed or developed Software, Software maintained or operated by any of the State entities, systems, equipment, Documentation, information, reports, or Database Administrator of any kind (hereinafter "Information"), Vendor understands and agrees to the following rules:

- 25.13.9.1. Every Authorized User has the responsibility to assure the protection of information from unauthorized access, misuse, theft, damage, destruction, modification, or disclosure;
- 25.13.9.2. That information shall be used solely for conducting official State business, and all other use or access is strictly forbidden including, but not limited to, personal, or other private and non-State use and that at no time shall Vendor access or attempt to access any information without having the express authority to do so;
- 25.13.9.3. That at no time shall Vendor access or attempt to access any information in a manner inconsistent with the approved policies, procedures, and /or Agreements relating to system entry/access;
- 25.13.9.4. That all Software Licensed, developed, or being evaluated by the State cannot be copied, shared, distributed, sub-licensed, modified, reverse engineered, rented, or sold, and that at all times Vendor must use utmost care to protect and keep such Software strictly confidential in accordance with the license or any other Agreement executed by the State. Only equipment or Software owned, licensed, or being evaluated by the State, can be used by the Vendor. Personal Software (including but not limited to palmtop sync Software) shall not be installed on any equipment; and
- 25.13.9.5. That if the Vendor is found to be in violation of any of the above-stated rules, the User may face removal from the State Contract, and/or criminal or civil prosecution, if the act constitutes a violation of law.

25.13.10. H-25.12.10 Email Use

Mail and other electronic communication messaging systems are State of New Hampshire property and are to be used for business purposes only. Email is defined as "internal email systems" or "State-funded email systems." Vendors understand and agree that use of email shall follow State standard policy (available upon request).

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25.13.11. H-25.12.11 Internet/Intranet Use

The Internet/Intranet is to be used for access to and distribution of information in direct support of the business of the State of New Hampshire according to State standard policy (available upon request).

25.13.12. H-25.12.12 Regulatory/Governmental Approvals

Any Contract awarded under the RFP shall be contingent upon the Vendor obtaining all necessary and applicable regulatory or other governmental approvals.

25.13.13. H-25.12.13 Force Majeure

25.13.13.1. Neither Vendor nor the State shall be responsible for delays or failures in performance resulting from events beyond the control of such party and without fault or negligence of such party. Such events shall include, but not be limited to, acts of God, strikes, lock outs, riots, and acts of War, epidemics, acts of Government, fire, power failures, nuclear accidents, earthquakes, and unusually severe weather.

25.13.13.2. Except in the event of the foregoing, Force Majeure events shall not include Vendor's inability to hire or provide personnel needed for the Vendor's performance under the Contract.

25.13.14. H-25.12.14 Confidential Information

25.13.14.1. In performing its obligations under the Contract, the Vendor may gain access to information of the State, including Confidential Information. "State Confidential Information" shall include, but not be limited to, information exempted from public disclosure under New Hampshire RSA chapter 91-A: Access to Public Records and Meetings (see e.g. RSA chapter 91-A: 5 Exemptions). The Vendor shall not use the State Confidential Information developed or obtained during the performance of, or acquired, or developed by reason of the Contract, except as is directly connected to and necessary for the Vendor's performance under the Contract.

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- 25.13.14.2. The Vendor agrees to maintain the confidentiality of and to protect from unauthorized use, disclosure, publication, and reproduction (collectively “release”), all State Confidential Information of the State that becomes available to the Vendor in connection with its performance under the Contract, regardless of its form.
- 25.13.14.3. Subject to applicable federal or State laws and regulations, Confidential Information shall not include information which: (i) shall have otherwise become publicly available other than as a result of disclosure by the receiving party in Breach hereof; (ii) was disclosed to the receiving party on a non-confidential basis from a source other than the disclosing party, which the receiving party believes is not prohibited from disclosing such information as a result of an obligation in favor of the disclosing party; (iii) is developed by the receiving party independently of, or was known by the receiving party prior to, any disclosure of such information made by the disclosing party; or (iv) is disclosed with the written consent of the disclosing party. A receiving party also may disclose Confidential Information to the extent required by an order of a court of competent jurisdiction.
- 25.13.14.4. Any disclosure of the State’s information shall require prior written approval of the State. The Vendor shall immediately notify the State if any request, subpoena or other legal process is served upon the Vendor regarding the State’s Confidential Information, and the Vendor shall cooperate with the State in any effort it undertakes to contest the request, the subpoena or other legal process, at no additional cost to the State.
- 25.13.14.5. In the event of unauthorized use or disclosure of the State’s Confidential Information, the Vendor shall immediately notify the State, and the State shall immediately be entitled to pursue any remedy at law and in equity, including, but not limited to injunctive relief.

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25.13.14.6. Insofar as the Vendor seeks to maintain the confidentiality of its confidential or proprietary information, the Vendor must clearly identify in writing the information it claims to be confidential or proprietary. The Vendor acknowledges that the State is subject to the Right to Know Law, RSA chapter 91-A. The State shall maintain the confidentiality of the identified Confidential Information insofar as it is consistent with applicable State or federal laws or regulations, including but not limited to, RSA chapter 91-A. In the event the State receives a request for the information identified by the Vendor as confidential, the State shall notify the Vendor and specify the date the State will be releasing the requested information. At the request of the State, the Vendor shall cooperate and assist the State with the collection and Review of the Vendor's information, at no additional expense to the State. Any effort to prohibit or enjoin the release of the information shall be the Vendor's sole responsibility and at the Vendor's sole expense. If the Vendor fails to obtain a court order enjoining the disclosure, the State shall release the information on the date specified in the State's notice to the Vendor without any State liability to the Vendor.

25.13.14.7. This Contract Agreement, Appendix H: State of New Hampshire Terms and Conditions - Section H-25.12.14: Confidential Information shall survive the termination or conclusion of a Contract.

25.13.15. H-25.12.14 Data Breach

In the event of a Data Breach, the Vendor shall comply with provisions of NH RSA 359-C.

25.14.H-25.13 Pricing

25.14.1.H-25.13.1 Activities/Deliverables/Milestones Dates and Pricing

The Vendor must include, within the fixed price for IT service activities, tasks, and preparation of required Deliverables, pricing for the Deliverables required based on the proposed approach, and methodology and tools. A fixed price must be provided for each Deliverable. Pricing worksheets are provided in Appendix F: *Pricing Worksheets*.

25.14.2.H-25.13.2 Software Licensing, Maintenance, Enhancements, and Support Pricing

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- 25.14.2.1. The Vendor must provide the minimum Software support and Services through Software Licensing, maintenance, Enhancements, and support as detailed in Section H-25.11: Ongoing Software Maintenance and Support Levels.
- 25.14.2.2. For Software Licensing, maintenance, and support costs, complete a worksheet including all costs in the table. A worksheet is provided in Appendix F: *Pricing Worksheets*, under Table F-4: *Software Licensing, Maintenance, and Support Pricing Worksheet*, and Table F-5: *Web Site Hosting, Maintenance, and Support Pricing Worksheet*.
- 25.14.3. H-25.13.3 Invoicing
 - 25.14.3.1. The Vendor shall submit correct invoices to the State for all amounts to be paid by the State. All invoices submitted shall be subject to the State's written approval, which shall not be unreasonably withheld. The Vendor shall only submit invoices for Services or Deliverables as permitted by the Contract. Invoices must be in a format as determined by the State and contain detailed information, including without limitation: itemization of each Deliverable and identification of the Deliverable for which payment is sought, and the Acceptance date triggering such payment; date of delivery and/or installation; monthly maintenance charges; any other Project costs or retention amounts if applicable.
 - 25.14.3.2. Upon acceptance of a properly documented invoice, the State will pay the invoice within thirty (30) days of invoice issuance. Invoices will not be backdated and shall be promptly dispatched.
 - 25.14.3.3. If the State receives an invoice and the amount on the invoice is calculated incorrectly, the State shall notify the Vendor of the alleged error prior to the due date of such payment. The State and the Vendor agree to use commercially reasonable efforts to resolve the invoicing error within fifteen (15) days from such notification to the Vendor. The State shall promptly pay upon resolution of such dispute or within such fifteen (15) day period of an agreed-upon amount, whichever is later, and no late charges shall apply to that amount or the originally invoiced amount.
- 25.14.4. H-25.13.4 Overpayments to the Vendor

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The Vendor shall promptly, but no later than fifteen (15) business days, pay the State the full amount of any overpayment or erroneous payment upon discovery or notice from the State.

25.14.5.H-25.13.5 Credits

The State may apply credits due to the State, arising out of this Contract, against the Vendor's invoices with appropriate information attached.

25.14.6.H-25.13.6 Records Retention and Access Requirements

25.14.6.1. The Vendor shall agree to the conditions of all applicable State and federal laws and regulations, which are incorporated herein by this reference, regarding retention and access requirements, including without limitation, retention policies consistent with the Federal Acquisition Regulations (FAR) Subpart 4.7 Vendor Records Retention.

25.14.6.2. The Vendor and its Subcontractors shall maintain books, records, documents, and other evidence of accounting procedures and practices, which properly and sufficiently reflect all direct and indirect costs, invoiced in the performance of their respective obligations under the Contract. The Vendor and its Subcontractors shall retain all such records for three (3) years following termination of the Contract, including any extensions. Records relating to any litigation matters regarding the Contract shall be kept for one (1) year following the termination of all litigation, including the termination of all appeals or the expiration of the appeals period.

25.14.6.3. Upon prior notice and subject to reasonable time frames, all such records shall be subject to inspection, examination, audit and copying by personnel so authorized by the State and federal officials so authorized by law, rule, regulation or Contract, as applicable. Access to these items will be provided within Merrimack County of the State of New Hampshire, unless otherwise agreed by the State. Delivery of and access to such records shall be at no cost to the State during the three (3) year period following termination of the Contract and one (1) year term following litigation relating to the Contract, including all appeals or the expiration of the appeal period. The Vendor shall include the record retention and Review requirements of this section in any of its subcontracts.

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25.14.6.4. The State agrees that books, records, documents, and other evidence of accounting procedures and practices related to the Vendor's cost structure and profit factors shall be excluded from the State's Review unless the cost or any other Services or Deliverables provided under the Contract is calculated or derived from the cost structure or profit factors.

25.14.7.H-25.13.7 Accounting Requirements

The Vendor shall maintain an accounting system in accordance with generally accepted accounting principles. The costs applicable to the Contract shall be ascertainable from the accounting system and the Vendor shall maintain records pertaining to the Services and all other costs and expenditures.

25.15.H-25.14 Termination

25.15.1.H-25.14.1 Termination for Default

25.15.1.1. Any one or more of the following acts or omissions of the Vendor shall constitute an Event of Default hereunder ("Event of Default"):

25.15.1.1.1. a. Failure to perform the Services satisfactorily or on Schedule;

25.15.1.1.2. b. Failure to submit any report required; and/or

25.15.1.1.3. c. To perform any other covenant, term or condition of the Contract.

25.15.1.2. Upon the occurrence of any Event of Default, the State may take any one or more, or all, of the following actions:

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- 25.15.1.2.1. Unless otherwise provided in the Contract, the State shall provide the Vendor written notice of default and require it to be remedied within, in the absence of a greater or lesser Specification of time, within thirty (30) days from the date of notice, unless otherwise indicated within by the State ("Cure Period"). If the Vendor fails to cure the default within the Cure Period, the State may terminate the Contract effective two (2) days after giving the Vendor notice of termination, at its sole discretion, treat the Contract as Breached and pursue its remedies at law or in equity or both;
- 25.15.1.2.2. Give the Vendor a written notice specifying the Event of Default and suspending all payments to be made under the Contract and ordering that the portion of the Contract price which would otherwise accrue to the Vendor during the period from the date of such notice until such time as the State determines that the Vendor has cured the Event of Default shall never be paid to the Vendor;
- 25.15.1.2.3. Set off against any other obligations the State may owe to the Vendor any damages the State suffers by reason of any Event of Default;
- 25.15.1.2.4. Treat the Contract as breached and pursue any of its remedies at law or in equity, or both; and
- 25.15.1.2.5. Procure Services that are the subject of the Contract from another source and the Vendor shall be liable for reimbursing the State for the replacement Services, and all administrative costs directly related to the replacement of the Contract and procuring the Services from another source, such as costs of competitive bidding, mailing, advertising, applicable fees, charges or penalties, and staff time costs; all of which shall be subject to the limitations of liability set forth in the Contract.

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- 25.15.1.3. In the Event of Default by the State, the Vendor shall provide the State with written notice of default, and the State shall cure the default within thirty (30) days.
- 25.15.1.4. Notwithstanding the foregoing, nothing herein contained shall be deemed to constitute a waiver of the sovereign immunity of the State, which immunity is hereby reserved to the State. This covenant shall survive termination or Contract Conclusion.
- 25.15.1.5. This section H-25.14 shall survive termination or Contract Conclusion.
- 25.15.2. H-25.14.2 Termination for Convenience
 - 25.15.2.1. The State may, at its sole discretion, terminate the Contract for convenience, in whole or in part, by thirty (30) days written notice to the Vendor. In the event of such termination for convenience, the State shall pay the Vendor the agreed upon price, if separately stated, for Deliverables for which Acceptance has been given by the State. Amounts for Services or Deliverables provided prior to the date of termination for which no separate price is stated will be paid, in whole or in part, generally in accordance with Appendix F: *Pricing Worksheets*.
 - 25.15.2.2. During the thirty (30) day period, the Vendor shall wind down and cease its Services as quickly and efficiently as reasonably possible, without performing unnecessary Services or activities and by minimizing negative effects on the State from such winding down and cessation of Services.
- 25.15.3. H-25.14.3 Termination for Conflict of Interest
 - 25.15.3.1. The State may terminate the Contract by written notice if it determines that a conflict of interest exists, including but not limited to, a violation by any of the parties hereto of applicable laws regarding ethics in public acquisitions and procurement and performance of Contracts.

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- 25.15.3.2. In such case, the State shall be entitled to a pro-rated refund of any current development, support and maintenance costs. The State shall pay all other Contracted payments that would have become due and payable if the Vendor did not know, or reasonably did not know, of the conflict of interest.
- 25.15.3.3. In the event the Contract is terminated as provided above pursuant to a violation by the Vendor, the State shall be entitled to pursue the same remedies against the Vendor as it could pursue in the event of a default of the Contract by the Vendor.
- 25.15.4. H-25.14.4 Termination Procedure
 - 25.15.4.1. Upon termination of the Contract, the State, in addition to any other rights provided in the Contract, may require the Vendor to deliver to the State any property, including without limitation, Software and Written Deliverables, for such part of the Contract as has been terminated.
 - 25.15.4.2. After receipt of a notice of termination, and except as otherwise directed by the State, Vendor shall:
 - 25.15.4.2.1. Stop work under the Contract on the date, and to the extent specified, in the notice;
 - 25.15.4.2.2. Promptly, but in no event longer than thirty (30) days after termination, terminate its orders and subcontracts related to the work which has been terminated and settle all outstanding liabilities and all claims arising out of such termination of orders and subcontracts, with the approval or ratification of the State to the extent required, which approval or ratification shall be final for the purpose of this Section;
 - 25.15.4.2.3. Take such action as the State directs, or as necessary to preserve and protect the property related to the Contract which is in the possession of Vendor and in which State has an interest;

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25.15.4.2.4. Transfer title to the State and deliver in the manner, at the times, and to the extent directed by the State, any property which is required to be furnished to State and which has been accepted or requested by the State; and

25.15.4.2.5. Provide written Certification to the State that Vendor has surrendered to the State all said property.

25.16.H-25.15 Limitation of Liability

25.16.1.H-25.15.1 State

25.16.1.1. Subject to applicable laws and regulations, in no event shall the State be liable for any consequential, special, indirect, incidental, punitive, or exemplary damages. Subject to applicable laws and regulations, the State's liability to the Vendor shall not exceed the total Contract price set forth in Appendix H: *State of New Hampshire Terms and Conditions, Contract Agreement P-37 General Provisions - Section 1.8: Price Limitation*.

25.16.1.2. Notwithstanding the foregoing and any provision of this Contract to the contrary, in no event does the State waive its sovereign immunity or any applicable defenses or immunities.

25.16.2.H-25.15.2 The Vendor

Subject to applicable laws and regulations, in no event shall the Vendor be liable for any consequential, special, indirect, incidental, punitive or exemplary damages and the Vendor's liability to the State shall not exceed two times (2X) the total Contract price set forth in Appendix H: *State of New Hampshire Terms and Conditions, Contract Agreement P-37 General Provisions - Section 1.8: Price Limitation*. Notwithstanding the foregoing, the limitation of liability shall not apply to the Vendor's indemnification obligations set forth in Appendix H: *State of New Hampshire Terms and Conditions, Contract Agreement P-37 General Provisions - Section 1.8: Price Limitation*, and Appendix H: *State of New Hampshire Terms and Conditions, Contract Agreement P-37 General Provisions - Sections 13: Indemnification*, and confidentiality obligations in Section H-25.12.14: *Confidential Information*, and Data Breach obligations in Section H-25.12.15: *Data Breach* which shall be unlimited.

25.16.3.H-25.15.3 State's Immunity

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Notwithstanding the foregoing, nothing herein contained shall be deemed to constitute a waiver of the sovereign immunity of the State, which immunity is hereby reserved to the State. This covenant shall survive termination or Contract Conclusion.

25.16.4.H.25.15.4 Survival

This Contract Agreement, Section H-25.15: Limitation of Liability shall survive termination or Contract Conclusion.

25.17.H-25.16 Change of Ownership

In the event that the Vendor should change ownership for any reason whatsoever, the State shall have the option of continuing under the Contract with the Vendor, its successors or assigns for the full remaining term of the Contract; continuing under the Contract with the Vendor, its successors or assigns for such period of time as determined necessary by the State; or immediately terminate the Contract without liability to the Vendor, its successors or assigns.

25.18.H-25.17 Assignment, Delegation and Subcontracts

25.18.1.The Vendor shall not assign, delegate, subcontract, or otherwise transfer any of its interest, rights, or duties under the Contract without the prior written consent of the State. Such consent will not be unreasonably withheld. Any attempted transfer, assignment, delegation, or other transfer made without the State's prior written consent shall be null and void and may constitute an Event of Default at the sole discretion of the State.

25.18.2.The Vendor shall remain wholly responsible for performance of the entire Contract regardless of whether assignees, delegates, Subcontractors or other transferees ("Assigns") are used, unless otherwise agreed to in writing by the State and the Assigns fully assumes in writing any and all obligations and liabilities under the Contract from the Effective Date . In the absence of a written assumption of full obligations and liabilities of the Contract, any permitted assignment, delegation, subcontract or other transfer shall neither relieve the Vendor of any of its obligations under the Contract nor shall it affect any remedies available to the State against the Vendor that may arise from any Event of Default of the provisions of the Contract. The State will consider the Vendor to be the sole point of contact with regard to all contractual matters, including payment of any and all charges resulting from the Contract.

25.19.H-25.18 Dispute Resolution

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Prior to the filing of any formal proceedings with respect to a dispute (other than an action seeking injunctive relief with respect to intellectual property rights or Confidential Information), the party believing itself aggrieved (the "Invoking Party") shall call for progressive management involvement in the dispute negotiation by written notice to the other party. Such notice shall be without prejudice to the Invoking Party's right to any other remedy permitted by this Agreement.

25.20.H-25.19 Venue and Jurisdiction

The Contract shall be construed in accordance with the laws of the State of New Hampshire, and is binding upon and inures to the benefit of the parties and their respective successor and assigns. Any action on the Contract may only be brought in the State of New Hampshire Merrimack County Superior Court.

25.21.H-25.20 Project Holdback

The State will withhold 10% of the agreed Deliverables pricing tendered by the Vendor in this engagement until successful completion of the Warranty Period as defined in Appendix H: State of New Hampshire Terms and Conditions - Section H-25.10.1: Warranty Period.

25.22.H-25.21 Escrow of Code

Vendor will enter into a source and configuration code escrow Agreement, with a State approved escrow agent. The proposed escrow Agreement shall be submitted with the Vendor's Proposal for Review by the State. The escrow Agreement requires the Vendor to put the Vendor Software source and configuration code in escrow. The source code shall be released to the State if one of the following events has occurred:

- 25.22.1. The Vendor has made an assignment for the benefit of creditors;
- 25.22.2. The Vendor institutes or becomes subject to a liquidation or bankruptcy proceeding of any kind;
- 25.22.3. A receiver or similar officer has been appointed to take charge of all or part of the Vendor's assets;
- 25.22.4. The Vendor or its Subcontractor terminates its maintenance and operations support Services for the State for the Software or has ceased supporting and maintaining the Software for the State, whether due to its ceasing to conduct business generally or otherwise, except in cases where the termination or cessation is a result of the non-payment or other fault of the State;
- 25.22.5. Vendor defaults under the Contract; or

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25.22.6. Vendor ceases its on-going business operations or that portion of its business operations relating to the licensing and maintenance of the Software.

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TERMS AND DEFINITIONS

The following general contracting terms and definitions apply except as specifically noted elsewhere in this document.

Acceptance	Notice from the State that a Deliverable has satisfied Acceptance Test or Review.
Acceptance Letter	An Acceptance Letter provides notice from the State that a Deliverable has satisfied Acceptance Tests or Review.
Acceptance Period	The timeframe during which the Acceptance Test is performed.
Acceptance Test Plan	The Acceptance Test Plan provided by the Vendor and agreed to by the State that describes at a minimum, the specific Acceptance process, criteria, and Schedule for Deliverables.
Acceptance Test and Review	Tests performed to determine that no Defects exist in the application Software or the System.
Access Control	Supports the management of permissions for logging onto a computer or network.
Agreement	A Contract duly executed and legally binding.
Appendix	Supplementary material that is collected and appended at the back of a document.
Audit Trail Capture and Analysis	Supports the identification and monitoring of activities within an application or system.
Authorized User	The Vendor's employees, Contractors, Subcontractors or other agents who need to access the State's Personal Data to enable the Contractor to perform the Services required.
Best and Final Offer (BAFO)	For negotiated procurements, a Vendor's final offer following the conclusion of discussions.
Breach or Breach of Security	Unlawful and unauthorized acquisition of unencrypted computerized Data that materially compromises the security, confidentiality or integrity of personal information maintained by a person or commercial entity.
Business Hours	Vendor personnel shall work normal business hours between

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	8:00 a.m. and 5:00 p.m. EST, eight (8) hour days, forty (40) hour weeks, excluding State of New Hampshire holidays. Changes to this Schedule may be made upon agreement with the State Project Manager.
CCP	Change Control Procedures
Certification	The Vendor's written declaration with full supporting and written Documentation (including without limitation test results as applicable) that the Vendor has completed development of the Deliverable and certified its readiness for applicable Acceptance Testing or Review.
Change Control	Formal process for initiating changes to the proposed Solution or process once development has begun.
Change Order	Formal Documentation prepared for a proposed change in the Specifications.
Completion Date	End date for the Contract. (See Contract Agreement, P-37 General Provisions, Block 1.7)
Confidential Information	Information required to be kept Confidential from unauthorized disclosure <i>under the Contract</i> .
Contract	An Agreement between the State of New Hampshire and a Vendor, which creates binding obligations for each party to perform as specified in the Contract Documents.
Contract Agreement	Part 1, 2, and 3. The Documentation consisting of the P-37 General Provisions, IT Provisions, and the Exhibits which represents the understanding and acceptance of the reciprocal legal rights and duties of the parties with respect to the Scope of Work.
Contract Conclusion	Refers to the conclusion of the Contract, for any reason, including but not limited to, the successful Contract completion, termination for convenience, or termination for default.
Contract Documents	Documents that comprise this Contract. (See Part 2, IT Provisions – Section 1.1)
Contract Managers	The persons identified by the State and the Vendor who shall be responsible for all Contractual authorization and administration of the Contract. These responsibilities shall include but not be limited to processing Contract Documentation, obtaining executive approvals, tracking costs and payments, and representing the parties in all Contract

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	administrative activities.
Contract Price	The total, not to exceed amount to be paid by the State to the Contractor for product and Services described in the Contract Agreement. This amount is listed in Part 1, P-37 General Provisions – Section 1.8: <i>Price Limitation</i> , as well as Part 3, Exhibit B – Paragraph 2: <i>Contract Price</i> .
Contractor	The Contractor and its employees, subcontractors, agents and affiliates who are providing the Services agreed to under the Contract.
Contracted Vendor/Vendor	The Vendor whose Proposal or quote was awarded the Contract with the State and who is responsible for the Services and Deliverables of the Contract.
Conversion/Migration Validation Test	A test to ensure that a Data conversion process correctly takes Data from a legacy system and successfully converts it to form that can be used by the new system.
COTS	Commercial Off the Shelf Software.
CR	Change Request
Cure Period	The thirty (30) day period following written notification of a default within which a Contracted Vendor must cure the default identified.
Custom Code	Code developed by the Vendor specifically for this Project for the State of New Hampshire.
Custom Software	Software developed by the Vendor specifically for this Project for the State of New Hampshire.
Data	State's records, files, forms, Data and other documents or information, in either electronic or paper form, that will be used /converted by the Vendor during the Contract Term.
Data Breach	The unauthorized access by a non-authorized persons(s) that results in the use, disclosure or theft of the State's unencrypted Non-Public Data.
DBA	Database Administrator
Deficiencies/Defects	A failure, Deficiency, or Defect in a Deliverable resulting in a Deliverable, the Software, or the System, not conforming to its Specifications.

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	<p>Class A Deficiency – <i>Software</i> - Critical, does not allow System to operate, no work around, demands immediate action; <i>Written Documentation</i> - missing significant portions of information or unintelligible to State; <i>Non Software</i> - Services were inadequate and require re-performance of the Service.</p> <p>Class B Deficiency – <i>Software</i> - important, does not stop operation and/or there is a work around and user can perform tasks; <i>Written Documentation</i> - portions of information are missing but not enough to make the document unintelligible; <i>Non Software</i> - Services were Deficient, require reworking, but do not require re-performance of the Service.</p> <p>Class C Deficiency – <i>Software</i> - minimal, cosmetic in nature, minimal effect on System, low priority and/or user can use System; <i>Written Documentation</i> - minimal changes required and of minor editing nature; <i>Non Software</i> - Services require only minor reworking and do not require re-performance of the Service.</p>
Deliverable	A Deliverable is any Written, Software, or NonSoftware Deliverable (letter, report, manual, book, other), provided by the Contractor to the State or under the terms of a Contract requirement.
Department	An agency of the State
Department of Information Technology (DoIT)	The Department of Information Technology established under <u>RSA chapter 21-R</u> by the Legislature effective September 5, 2008.
Digital Signature	Certification that guarantees the unaltered state of a file, also known as “code signing”.
Documentation	All information that describes the installation, operation, and use of the Software, either in printed or electronic format.
Effective Date	The Contract and all obligations of the parties hereunder shall become effective on the date the Governor and the Executive Council of the State of New Hampshire approves the Contract.
Encryption	Supports the transformation of Data for security purposes.
Enhancements	Updates, additions, modifications to, and new releases for the Software, and all changes to the Documentation as a

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	result of Enhancements, including, but not limited to, Enhancements produced by Change Orders.
Event of Default	Any one or more of the following acts or omissions of a Vendor shall constitute an Event of Default hereunder ("Event of Default"): <ul style="list-style-type: none"> a. Failure to perform the Services satisfactorily or on Schedule; b. Failure to submit any report required; and/or c. Failure to perform any other covenant, term or condition of the Contract.
Firm Fixed Price Contract	A Firm Fixed Price Contract provides a price that is not subject to increase, i.e., adjustment on the basis of the Vendor's cost experience in performing the Contract.
Fully Loaded	Rates are inclusive of all allowable expenses, including, but not limited to: meals, hotel/housing, airfare, car rentals, car mileage, and out of pocket expenses.
GAAP	Generally Accepted Accounting Principles.
Governor and Executive Council	The New Hampshire Governor and Executive Council.
GUI	Graphical user interface.
Harvest	Software to archive and/or control versions of Software.
Identification and Authentication	Supports obtaining information about those parties attempting to log on to a system or application for security purposes and the validation of those users.
Implementation	The process for making the System fully Operational for processing the Data.
Implementation Plan	Sets forth the transition from development of the System to full operation, and includes without limitation, training, business and technical procedures.
Information Technology (IT)	Refers to the tools and processes used for the gathering, storing, manipulating, transmitting, sharing, and sensing of information including, but not limited to, Data processing, computing, information systems, telecommunications, and various audio and video technologies.
Input Validation	Ensure that the value entered by users or provided by other applications meets the size, type and format expected.

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	Protecting the application from cross site scripting, SQL injection, buffer overflow, etc.
Intrusion Detection	Supports the detection of illegal entrance into a computer system.
Invoking Party	In a dispute, the party believing itself aggrieved.
Key Project Staff	Personnel identified by the State and by the Contracted Vendor as essential to work on the Project.
Licensee	The State of New Hampshire
Non-Exclusive Contract	A Contract executed by the State that does not restrict the State from seeking alternative sources for the Deliverables or Services provided under the Contract.
Non-Public Information	Data, other than Personal Data, that is not subject to distribution to the public as public information. It is deemed to be sensitive and confidential by the State because it contains information that is exempt by statute, ordinance or administrative rule from access by the general public as public information.
Non-Software Deliverables	Deliverables that are not Software Deliverables or Written Deliverables, e.g., meetings, help support, Services, other.
Notice to Proceed (NTP)	The State Contract Manager's written direction to the Vendor to begin work on the Contract on a given date and time.
Open Data Formats	A Data format based on an underlying Open Standard.
Open Source Software	Software that guarantees the user unrestricted use of the Software as defined in <u>RSA chapter 21-R:10</u> and <u>RSA chapter 21-R:11</u> .
Open Standards	Specifications for the encoding and transfer of computer Data that is defined in <u>RSA chapter 21-R:10</u> and <u>RSA chapter 21-R:13</u> .
Operating System	System is fully functional, all Data has been loaded into the System, is available for use by the State in its daily operations.
Operational	Operational means that the System is operating and fully functional, all Data has been loaded; the System is available for use by the State in its daily operations, and the State has issued an Acceptance Letter.

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Order of Precedence	The order in which Contract/Documents control in the event of a conflict or ambiguity. A term or condition in a document controls over a conflicting or ambiguous term or condition in a document that is lower in the Order of Precedence.
Personal Data	Data that includes information relating to a person that identifies the person by name and has any of the following Personally Identifiable Information (PII): government-issued identification numbers (e.g., Social Security, driver's license, passport); financial account information, including account number, credit or debit card numbers; or Protected Health Information (PHI) relating to a person.
Project	The planned undertaking regarding the entire subject matter of an RFP and Contract and the activities of the parties related hereto.
Project Team	The group of State employees and Contracted Vendor's personnel responsible for managing the processes and mechanisms required such that the Services are procured in accordance with the Work Plan on time, on budget and to the required Specifications and quality.
Project Managers	The persons identified who shall function as the State's and the Vendor's representative with regard to Review and Acceptance of Contract Deliverables, invoice sign off, and Review and approval of Change Requests (CR) utilizing the Change Control Procedures (CCP).
Project Staff	State personnel assigned to work with the Vendor on the Project.
Proposal	The submission from a Vendor in response to the Request for a Proposal or Statement of Work.
Regression Test Plan	A plan integrated into the Work Plan used to ascertain whether fixes to Defects have caused errors elsewhere in the application/process.
Review	The process of Reviewing Deliverables for Acceptance.
Review Period	The period set for Review of a Deliverable. If none is specified then the Review Period is five (5) business days.
RFP (Request for Proposal)	A Request For Proposal solicits Proposals to satisfy State functional requirements by supplying Data processing product and/or Service resources according to specific terms and conditions.

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Role/Privilege Management	Supports the granting of abilities to users or groups of users of a computer, application or network.
Schedule	The dates described in the Work Plan for deadlines for performance of Services and other Project events and activities under the Contract.
Services	The work or labor to be performed by the Vendor on the Project as described in the Contract.
Software	All Custom Software and COTS Software provided by the Vendor under the Contract.
Software-as-a-Service (SaaS)	The capability provided to the State to use the Contractor's applications running on a cloud infrastructure. The applications are accessible from various client devices through a thin-client interface such as a Web browser (e.g., Web-based email) or a program interface. The State does not manage or control the underlying cloud infrastructure including network, servers, Operating Systems, storage or even individual application capabilities, with the possible exception of limited user-specific application configuration settings.
Software Deliverables	All Custom Software and COTS Software and Enhancements.
Software License	Licenses provided to the State under this Contract.
Solution	The Solution consists of the total Solution, which includes, without limitation, Software and Services, addressing the requirements and terms of the Specifications. The off-the-shelf Software and configured Software customized for the State provided by the Vendor in response to this RFP.
Specifications	The written Specifications that set forth the requirements which include, without limitation, this RFP, the Proposal, the Contract, any performance standards, Documentation, applicable State and federal policies, laws and regulations, State technical standards, subsequent State-approved Deliverables, and other Specifications and requirements described in the Contract Documents. The Specifications are, by this reference, made a part of the Contract as though completely set forth herein.
State	STATE is defined as: State of New Hampshire

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	<p><AGENCY ></p> <p><Address></p> <p><City, State, Zip></p> <p>Reference to the term “State” shall include applicable agencies.</p>
Statement of Work (SOW)	A Statement of Work clearly defines the basic requirements and objectives of a Project. The Statement of Work also defines a high level view of the architecture, performance and design requirements, the roles and responsibilities of the State and the Vendor. The Contract Agreement SOW defines the results that the Vendor remains responsible and accountable for achieving.
State’s Confidential Records	State’s information regardless of its form that is not subject to public disclosure under applicable state and federal laws and regulations, including but not limited to <u>RSA chapter 91-A: Access to Governmental Records and Meetings</u> .
State Data	All Data created or in any way originating with the State, and all Data that is the output of computer processing of or other electronic manipulation of any Data that was created by or in any way originated with the State, whether such Data or output is stored on the State’s hardware, the Contractor’s hardware or exists in any system owned, maintained or otherwise controlled by the State or by the Contractor.
State Fiscal Year (SFY)	The New Hampshire State Fiscal Year extends from July 1 st through June 30 th of the following calendar year.
State Project Leader	State’s representative with regard to Project oversight.
State’s Project Manager (PM)	State’s representative with regard to Project Management and technical matters. Agency Project Managers are responsible for Review and Acceptance of specific Contract Deliverables, invoice sign off, and Review and approval of a Change Request (CR).
Subcontractor	A person, partnership, or company not in the employment of, or owned by, the Vendor, which is performing Services under this Contract under a separate Contract with or on behalf of the Vendor.
System	All Software, specified hardware, and interfaces and extensions, integrated and functioning together in accordance with the Specifications.

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TBD	To Be Determined
Technical Authorization	Direction to a Vendor, which fills in details, clarifies, interprets, or specifies technical requirements. It must be: <ol style="list-style-type: none"> 1. Consistent with Statement of Work within statement of Services; 2. not constitute a new assignment; and 3. not change the terms, documents of Specifications of the SOW.
Test Plan	A plan, integrated in the Work Plan, to verify the code (new or changed) works to fulfill the requirements of the Project. It may consist of a timeline, a series of tests and test Data, test scripts and reports for the test results as well as a tracking mechanism.
Term	Period of the Contract from the Effective Date through termination.
Transition Services	Services and support provided when the Contracted Vendor is supporting system changes.
UAT	User Acceptance Test.
Unit Test	Developers create their own test Data and test scenarios to verify the code they have created or changed functions properly as defined.
User Acceptance Testing (UAT)	Tests done by knowledgeable business users who are familiar with the scope of the Project. They create/develop test cases to confirm the System was developed according to specific user requirements. The test cases and scripts/scenarios should be mapped to business requirements outlined in the user requirements documents.
User Management	Supports the administration of computer, application and network accounts within an organization.
Vendor/ Contracted Vendor	The Vendor whose Proposal or quote was awarded the Contract with the State and who is responsible for the Services and Deliverables of the Contract.
Verification	Supports the confirmation of authority to enter a computer system, application or network.
Virtual Private Network (VPN)	Extends a private network across a public network, and

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	enables users to send and receive Data across shared or public networks as if their computing devices were directly connected to the private network
Warranty Period	A period of coverage during which the Contracted Vendor is responsible for providing a guarantee for products and Services delivered as defined in the Contract.
Warranty Releases	Code releases that are done during the Warranty Period.
Warranty Services	The Services to be provided by the Vendor during the Warranty Period.
Work Plan	The overall plan of activities for the Project created in accordance with the Contract. The plan and delineation of tasks, activities and events to be performed and Deliverables to be produced under the Project as specified in Appendix C: <i>System Requirements and Deliverables</i> . The Work Plan shall include a detailed description of the Schedule, tasks/activities, Deliverables, critical events, task dependencies, and the resources that would lead and/or participate on each task.
Written Deliverables	Non-Software written Deliverable Documentation (letter, report, manual, book, other) provided by the Vendor either in paper or electronic format.



SPECIAL PROVISIONS

Contractors Obligations: The Contractor covenants and agrees that all funds received by the Contractor under the Contract shall be used only as payment to the Contractor for services provided to eligible individuals and, in the furtherance of the aforesaid covenants, the Contractor hereby covenants and agrees as follows:

1. **Compliance with Federal and State Laws:** If the Contractor is permitted to determine the eligibility of individuals such eligibility determination shall be made in accordance with applicable federal and state laws, regulations, orders, guidelines, policies and procedures.
2. **Time and Manner of Determination:** Eligibility determinations shall be made on forms provided by the Department for that purpose and shall be made and remade at such times as are prescribed by the Department.
3. **Documentation:** In addition to the determination forms required by the Department, the Contractor shall maintain a data file on each recipient of services hereunder, which file shall include all information necessary to support an eligibility determination and such other information as the Department requests. The Contractor shall furnish the Department with all forms and documentation regarding eligibility determinations that the Department may request or require.
4. **Fair Hearings:** The Contractor understands that all applicants for services hereunder, as well as individuals declared ineligible have a right to a fair hearing regarding that determination. The Contractor hereby covenants and agrees that all applicants for services shall be permitted to fill out an application form and that each applicant or re-applicant shall be informed of his/her right to a fair hearing in accordance with Department regulations.
5. **Gratuities or Kickbacks:** The Contractor agrees that it is a breach of this Contract to accept or make a payment, gratuity or offer of employment on behalf of the Contractor, any Sub-Contractor or the State in order to influence the performance of the Scope of Work detailed in Exhibit A of this Contract. The State may terminate this Contract and any sub-contract or sub-agreement if it is determined that payments, gratuities or offers of employment of any kind were offered or received by any officials, officers, employees or agents of the Contractor or Sub-Contractor.
6. **Retroactive Payments:** Notwithstanding anything to the contrary contained in the Contract or in any other document, contract or understanding, it is expressly understood and agreed by the parties hereto, that no payments will be made hereunder to reimburse the Contractor for costs incurred for any purpose or for any services provided to any individual prior to the Effective Date of the Contract and no payments shall be made for expenses incurred by the Contractor for any services provided prior to the date on which the individual applies for services or (except as otherwise provided by the federal regulations) prior to a determination that the individual is eligible for such services.
7. **Conditions of Purchase:** Notwithstanding anything to the contrary contained in the Contract, nothing herein contained shall be deemed to obligate or require the Department to purchase services hereunder at a rate which reimburses the Contractor in excess of the Contractors costs, at a rate which exceeds the amounts reasonable and necessary to assure the quality of such service, or at a rate which exceeds the rate charged by the Contractor to ineligible individuals or other third party funders for such service. If at any time during the term of this Contract or after receipt of the Final Expenditure Report hereunder, the Department shall determine that the Contractor has used payments hereunder to reimburse items of expense other than such costs, or has received payment in excess of such costs or in excess of such rates charged by the Contractor to ineligible individuals or other third party funders, the Department may elect to:
 - 7.1. Renegotiate the rates for payment hereunder, in which event new rates shall be established;
 - 7.2. Deduct from any future payment to the Contractor the amount of any prior reimbursement in excess of costs;



- 7.3. Demand repayment of the excess payment by the Contractor in which event failure to make such repayment shall constitute an Event of Default hereunder. When the Contractor is permitted to determine the eligibility of individuals for services, the Contractor agrees to reimburse the Department for all funds paid by the Department to the Contractor for services provided to any individual who is found by the Department to be ineligible for such services at any time during the period of retention of records established herein.

RECORDS: MAINTENANCE, RETENTION, AUDIT, DISCLOSURE AND CONFIDENTIALITY:

8. **Maintenance of Records:** In addition to the eligibility records specified above, the Contractor covenants and agrees to maintain the following records during the Contract Period:
- 8.1. **Fiscal Records:** books, records, documents and other data evidencing and reflecting all costs and other expenses incurred by the Contractor in the performance of the Contract, and all income received or collected by the Contractor during the Contract Period, said records to be maintained in accordance with accounting procedures and practices which sufficiently and properly reflect all such costs and expenses, and which are acceptable to the Department, and to include, without limitation, all ledgers, books, records, and original evidence of costs such as purchase requisitions and orders, vouchers, requisitions for materials, inventories, valuations of in-kind contributions, labor time cards, payrolls, and other records requested or required by the Department.
 - 8.2. **Statistical Records:** Statistical, enrollment, attendance or visit records for each recipient of services during the Contract Period, which records shall include all records of application and eligibility (including all forms required to determine eligibility for each such recipient), records regarding the provision of services and all invoices submitted to the Department to obtain payment for such services.
 - 8.3. **Medical Records:** Where appropriate and as prescribed by the Department regulations, the Contractor shall retain medical records on each patient/recipient of services.
9. **Audit:** Contractor shall submit an annual audit to the Department within 60 days after the close of the agency fiscal year. It is recommended that the report be prepared in accordance with the provision of Office of Management and Budget Circular A-133, "Audits of States, Local Governments, and Non Profit Organizations" and the provisions of Standards for Audit of Governmental Organizations, Programs, Activities and Functions, issued by the US General Accounting Office (GAO standards) as they pertain to financial compliance audits.
- 9.1. **Audit and Review:** During the term of this Contract and the period for retention hereunder, the Department, the United States Department of Health and Human Services, and any of their designated representatives shall have access to all reports and records maintained pursuant to the Contract for purposes of audit, examination, excerpts and transcripts.
 - 9.2. **Audit Liabilities:** In addition to and not in any way in limitation of obligations of the Contract, it is understood and agreed by the Contractor that the Contractor shall be held liable for any state or federal audit exceptions and shall return to the Department, all payments made under the Contract to which exception has been taken or which have been disallowed because of such an exception.
10. **Confidentiality of Records:** All information, reports, and records maintained hereunder or collected in connection with the performance of the services and the Contract shall be confidential and shall not be disclosed by the Contractor, provided however, that pursuant to state laws and the regulations of the Department regarding the use and disclosure of such information, disclosure may be made to public officials requiring such information in connection with their official duties and for purposes directly connected to the administration of the services and the Contract; and provided further, that the use or disclosure by any party of any information concerning a recipient for any purpose not directly connected with the administration of the Department or the Contractor's responsibilities with respect to purchased services hereunder is prohibited except on written consent of the recipient, his attorney or guardian.



Notwithstanding anything to the contrary contained herein the covenants and conditions contained in the Paragraph shall survive the termination of the Contract for any reason whatsoever.

11. **Reports:** Fiscal and Statistical: The Contractor agrees to submit the following reports at the following times if requested by the Department.
 - 11.1. Interim Financial Reports: Written interim financial reports containing a detailed description of all costs and non-allowable expenses incurred by the Contractor to the date of the report and containing such other information as shall be deemed satisfactory by the Department to justify the rate of payment hereunder. Such Financial Reports shall be submitted on the form designated by the Department or deemed satisfactory by the Department.
 - 11.2. Final Report: A final report shall be submitted within thirty (30) days after the end of the term of this Contract. The Final Report shall be in a form satisfactory to the Department and shall contain a summary statement of progress toward goals and objectives stated in the Proposal and other information required by the Department.
12. **Completion of Services:** Disallowance of Costs: Upon the purchase by the Department of the maximum number of units provided for in the Contract and upon payment of the price limitation hereunder, the Contract and all the obligations of the parties hereunder (except such obligations as, by the terms of the Contract are to be performed after the end of the term of this Contract and/or survive the termination of the Contract) shall terminate, provided however, that if, upon review of the Final Expenditure Report the Department shall disallow any expenses claimed by the Contractor as costs hereunder the Department shall retain the right, at its discretion, to deduct the amount of such expenses as are disallowed or to recover such sums from the Contractor.
13. **Credits:** All documents, notices, press releases, research reports and other materials prepared during or resulting from the performance of the services of the Contract shall include the following statement:
 - 13.1. The preparation of this (report, document etc.) was financed under a Contract with the State of New Hampshire, Department of Health and Human Services, with funds provided in part by the State of New Hampshire and/or such other funding sources as were available or required, e.g., the United States Department of Health and Human Services.
14. **Prior Approval and Copyright Ownership:** All materials (written, video, audio) produced or purchased under the contract shall have prior approval from DHHS before printing, production, distribution or use. The DHHS will retain copyright ownership for any and all original materials produced, including, but not limited to, brochures, resource directories, protocols or guidelines, posters, or reports. Contractor shall not reproduce any materials produced under the contract without prior written approval from DHHS.
15. **Operation of Facilities: Compliance with Laws and Regulations:** In the operation of any facilities for providing services, the Contractor shall comply with all laws, orders and regulations of federal, state, county and municipal authorities and with any direction of any Public Officer or officers pursuant to laws which shall impose an order or duty upon the contractor with respect to the operation of the facility or the provision of the services at such facility. If any governmental license or permit shall be required for the operation of the said facility or the performance of the said services, the Contractor will procure said license or permit, and will at all times comply with the terms and conditions of each such license or permit. In connection with the foregoing requirements, the Contractor hereby covenants and agrees that, during the term of this Contract the facilities shall comply with all rules, orders, regulations, and requirements of the State Office of the Fire Marshal and the local fire protection agency, and shall be in conformance with local building and zoning codes, by-laws and regulations.
16. **Equal Employment Opportunity Plan (EEOP):** The Contractor will provide an Equal Employment Opportunity Plan (EEOP) to the Office for Civil Rights, Office of Justice Programs (OCR), if it has received a single award of \$500,000 or more. If the recipient receives \$25,000 or more and has 50 or



more employees, it will maintain a current EEOP on file and submit an EEOP Certification Form to the OCR, certifying that its EEOP is on file. For recipients receiving less than \$25,000, or public grantees with fewer than 50 employees, regardless of the amount of the award, the recipient will provide an EEOP Certification Form to the OCR certifying it is not required to submit or maintain an EEOP. Non-profit organizations, Indian Tribes, and medical and educational institutions are exempt from the EEOP requirement, but are required to submit a certification form to the OCR to claim the exemption. EEOP Certification Forms are available at: <http://www.ojp.usdoj/about/ocr/pdfs/cert.pdf>.

17. **Limited English Proficiency (LEP):** As clarified by Executive Order 13166, Improving Access to Services for persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination on the basis of limited English proficiency (LEP). To ensure compliance with the Omnibus Crime Control and Safe Streets Act of 1968 and Title VI of the Civil Rights Act of 1964, Contractors must take reasonable steps to ensure that LEP persons have meaningful access to its programs.

18. **Pilot Program for Enhancement of Contractor Employee Whistleblower Protections:** The following shall apply to all contracts that exceed the Simplified Acquisition Threshold as defined in 48 CFR 2.101 (currently, \$150,000)

CONTRACTOR EMPLOYEE WHISTLEBLOWER RIGHTS AND REQUIREMENT TO INFORM EMPLOYEES OF
WHISTLEBLOWER RIGHTS (SEP 2013)

(a) This contract and employees working on this contract will be subject to the whistleblower rights and remedies in the pilot program on Contractor employee whistleblower protections established at 41 U.S.C. 4712 by section 828 of the National Defense Authorization Act for Fiscal Year 2013 (Pub. L. 112-239) and FAR 3.908.

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(b) The Contractor shall inform its employees in writing, in the predominant language of the workforce, of employee whistleblower rights and protections under 41 U.S.C. 4712, as described in section 3.908 of the Federal Acquisition Regulation.

(c) The Contractor shall insert the substance of this clause, including this paragraph (c), in all subcontracts over the simplified acquisition threshold.

19. **Subcontractors:** DHHS recognizes that the Contractor may choose to use subcontractors with greater expertise to perform certain health care services or functions for efficiency or convenience, but the Contractor shall retain the responsibility and accountability for the function(s). Prior to subcontracting, the Contractor shall evaluate the subcontractor's ability to perform the delegated function(s). This is accomplished through a written agreement that specifies activities and reporting responsibilities of the subcontractor and provides for revoking the delegation or imposing sanctions if the subcontractor's performance is not adequate. Subcontractors are subject to the same contractual conditions as the Contractor and the Contractor is responsible to ensure subcontractor compliance with those conditions.

When the Contractor delegates a function to a subcontractor, the Contractor shall do the following:

- 19.1. Evaluate the prospective subcontractor's ability to perform the activities, before delegating the function
- 19.2. Have a written agreement with the subcontractor that specifies activities and reporting responsibilities and how sanctions/revocation will be managed if the subcontractor's performance is not adequate
- 19.3. Monitor the subcontractor's performance on an ongoing basis



- 19.4. Provide to DHHS an annual schedule identifying all subcontractors, delegated functions and responsibilities, and when the subcontractor's performance will be reviewed
- 19.5. DHHS shall, at its discretion, review and approve all subcontracts.

If the Contractor identifies deficiencies or areas for improvement are identified, the Contractor shall take corrective action.

DEFINITIONS

As used in the Contract, the following terms shall have the following meanings:

COSTS: Shall mean those direct and indirect items of expense determined by the Department to be allowable and reimbursable in accordance with cost and accounting principles established in accordance with state and federal laws, regulations, rules and orders.

DEPARTMENT: NH Department of Health and Human Services.

FINANCIAL MANAGEMENT GUIDELINES: Shall mean that section of the Contractor Manual which is entitled "Financial Management Guidelines" and which contains the regulations governing the financial activities of contractor agencies which have contracted with the State of NH to receive funds.

PROPOSAL: If applicable, shall mean the document submitted by the Contractor on a form or forms required by the Department and containing a description of the Services to be provided to eligible individuals by the Contractor in accordance with the terms and conditions of the Contract and setting forth the total cost and sources of revenue for each service to be provided under the Contract.

UNIT: For each service that the Contractor is to provide to eligible individuals hereunder, shall mean that period of time or that specified activity determined by the Department and specified in Exhibit B of the Contract.

FEDERAL/STATE LAW: Wherever federal or state laws, regulations, rules, orders, and policies, etc. are referred to in the Contract, the said reference shall be deemed to mean all such laws, regulations, etc. as they may be amended or revised from the time to time.

CONTRACTOR MANUAL: Shall mean that document prepared by the NH Department of Administrative Services containing a compilation of all regulations promulgated pursuant to the New Hampshire Administrative Procedures Act. NH RSA Ch 541-A, for the purpose of implementing State of NH and federal regulations promulgated thereunder.

SUPPLANTING OTHER FEDERAL FUNDS: The Contractor guarantees that funds provided under this Contract will not supplant any existing federal funds available for these services.



REVISIONS TO GENERAL PROVISIONS

1. Subparagraph 4 of the General Provisions of this contract, Conditional Nature of Agreement, is replaced as follows:
 4. **CONDITIONAL NATURE OF AGREEMENT.**
Notwithstanding any provision of this Agreement to the contrary, all obligations of the State hereunder, including without limitation, the continuance of payments, in whole or in part, under this Agreement are contingent upon continued appropriation or availability of funds, including any subsequent changes to the appropriation or availability of funds affected by any state or federal legislative or executive action that reduces, eliminates, or otherwise modifies the appropriation or availability of funding for this Agreement and the Scope of Services provided in Exhibit A, Scope of Services, in whole or in part. In no event shall the State be liable for any payments hereunder in excess of appropriated or available funds. In the event of a reduction, termination or modification of appropriated or available funds, the State shall have the right to withhold payment until such funds become available, if ever. The State shall have the right to reduce, terminate or modify services under this Agreement immediately upon giving the Contractor notice of such reduction, termination or modification. The State shall not be required to transfer funds from any other source or account into the Account(s) identified in block 1.6 of the General Provisions, Account Number, or any other account, in the event funds are reduced or unavailable.
2. Subparagraph 10 of the General Provisions of this contract, Termination, is amended by adding the following language:
 - 10.1 The State may terminate the Agreement at any time for any reason, at the sole discretion of the State, 30 days after giving the Contractor written notice that the State is exercising its option to terminate the Agreement.
 - 10.2 In the event of early termination, the Contractor shall, within 15 days of notice of early termination, develop and submit to the State a Transition Plan for services under the Agreement, including but not limited to, identifying the present and future needs of clients receiving services under the Agreement and establishes a process to meet those needs.
 - 10.3 The Contractor shall fully cooperate with the State and shall promptly provide detailed information to support the Transition Plan including, but not limited to, any information or data requested by the State related to the termination of the Agreement and Transition Plan and shall provide ongoing communication and revisions of the Transition Plan to the State as requested.
 - 10.4 In the event that services under the Agreement, including but not limited to clients receiving services under the Agreement are transitioned to having services delivered by another entity including contracted providers or the State, the Contractor shall provide a process for uninterrupted delivery of services in the Transition Plan.
 - 10.5 The Contractor shall establish a method of notifying clients and other affected individuals about the transition. The Contractor shall include the proposed communications in its Transition Plan submitted to the State as described above.



CERTIFICATION REGARDING DRUG-FREE WORKPLACE REQUIREMENTS

The Contractor identified in Section 1.3 of the General Provisions agrees to comply with the provisions of Sections 5151-5160 of the Drug-Free Workplace Act of 1988 (Pub. L. 100-690, Title V, Subtitle D; 41 U.S.C. 701 et seq.), and further agrees to have the Contractor's representative, as identified in Sections 1.11 and 1.12 of the General Provisions execute the following Certification:

ALTERNATIVE I - FOR GRANTEES OTHER THAN INDIVIDUALS

US DEPARTMENT OF HEALTH AND HUMAN SERVICES - CONTRACTORS **US DEPARTMENT OF EDUCATION - CONTRACTORS** **US DEPARTMENT OF AGRICULTURE - CONTRACTORS**

This certification is required by the regulations implementing Sections 5151-5160 of the Drug-Free Workplace Act of 1988 (Pub. L. 100-690, Title V, Subtitle D; 41 U.S.C. 701 et seq.). The January 31, 1989 regulations were amended and published as Part II of the May 25, 1990 Federal Register (pages 21681-21691), and require certification by grantees (and by inference, sub-grantees and sub-contractors), prior to award, that they will maintain a drug-free workplace. Section 3017.630(c) of the regulation provides that a grantee (and by inference, sub-grantees and sub-contractors) that is a State may elect to make one certification to the Department in each federal fiscal year in lieu of certificates for each grant during the federal fiscal year covered by the certification. The certificate set out below is a material representation of fact upon which reliance is placed when the agency awards the grant. False certification or violation of the certification shall be grounds for suspension of payments, suspension or termination of grants, or government wide suspension or debarment. Contractors using this form should send it to:

Commissioner
 NH Department of Health and Human Services
 129 Pleasant Street,
 Concord, NH 03301-6505

1. The grantee certifies that it will or will continue to provide a drug-free workplace by:
 - 1.1. Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;
 - 1.2. Establishing an ongoing drug-free awareness program to inform employees about
 - 1.2.1. The dangers of drug abuse in the workplace;
 - 1.2.2. The grantee's policy of maintaining a drug-free workplace;
 - 1.2.3. Any available drug counseling, rehabilitation, and employee assistance programs; and
 - 1.2.4. The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
 - 1.3. Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);
 - 1.4. Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will
 - 1.4.1. Abide by the terms of the statement; and
 - 1.4.2. Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction;
 - 1.5. Notifying the agency in writing, within ten calendar days after receiving notice under subparagraph 1.4.2 from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to every grant officer on whose grant activity the convicted employee was working, unless the Federal agency

Appendix B
New Hampshire Department of Health and Human Services
Exhibit D



- has designated a central point for the receipt of such notices. Notice shall include the identification number(s) of each affected grant;
- 1.6. Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph 1.4.2, with respect to any employee who is so convicted
 - 1.6.1. Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
 - 1.6.2. Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;
 - 1.7. Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs 1.1, 1.2, 1.3, 1.4, 1.5, and 1.6.
2. The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant.

Place of Performance (street address, city, county, state, zip code) (list each location)

Check ☐ if there are workplaces on file that are not identified here.

Contractor Name:

I

Date

Name:
Title:

**CERTIFICATION REGARDING LOBBYING**

The Contractor identified in Section 1.3 of the General Provisions agrees to comply with the provisions of Section 319 of Public Law 101-121, Government wide Guidance for New Restrictions on Lobbying, and 31 U.S.C. 1352, and further agrees to have the Contractor's representative, as identified in Sections 1.11 and 1.12 of the General Provisions execute the following Certification:

US DEPARTMENT OF HEALTH AND HUMAN SERVICES - CONTRACTORS
US DEPARTMENT OF EDUCATION - CONTRACTORS
US DEPARTMENT OF AGRICULTURE - CONTRACTORS

Programs (indicate applicable program covered):

- *Temporary Assistance to Needy Families under Title IV-A
- *Child Support Enforcement Program under Title IV-D
- *Social Services Block Grant Program under Title XX
- *Medicaid Program under Title XIX
- *Community Services Block Grant under Title VI
- *Child Care Development Block Grant under Title IV

The undersigned certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement (and by specific mention sub-grantee or sub-contractor).
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement (and by specific mention sub-grantee or sub-contractor), the undersigned shall complete and submit Standard Form LLL, (Disclosure Form to Report Lobbying, in accordance with its instructions, attached and identified as Standard Exhibit E-I.)
3. The undersigned shall require that the language of this certification be included in the award document for sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Contractor Name: _____

Date

Name:
Title:



**CERTIFICATION REGARDING DEBARMENT, SUSPENSION
AND OTHER RESPONSIBILITY MATTERS**

The Contractor identified in Section 1.3 of the General Provisions agrees to comply with the provisions of Executive Office of the President, Executive Order 12549 and 45 CFR Part 76 regarding Debarment, Suspension, and Other Responsibility Matters, and further agrees to have the Contractor's representative, as identified in Sections 1.11 and 1.12 of the General Provisions execute the following Certification:

INSTRUCTIONS FOR CERTIFICATION

1. By signing and submitting this proposal (contract), the prospective primary participant is providing the certification set out below.
2. The inability of a person to provide the certification required below will not necessarily result in denial of participation in this covered transaction. If necessary, the prospective participant shall submit an explanation of why it cannot provide the certification. The certification or explanation will be considered in connection with the NH Department of Health and Human Services' (DHHS) determination whether to enter into this transaction. However, failure of the prospective primary participant to furnish a certification or an explanation shall disqualify such person from participation in this transaction.
3. The certification in this clause is a material representation of fact upon which reliance was placed when DHHS determined to enter into this transaction. If it is later determined that the prospective primary participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, DHHS may terminate this transaction for cause or default.
4. The prospective primary participant shall provide immediate written notice to the DHHS agency to whom this proposal (contract) is submitted if at any time the prospective primary participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
5. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549: 45 CFR Part 76. See the attached definitions.
6. The prospective primary participant agrees by submitting this proposal (contract) that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by DHHS.
7. The prospective primary participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions," provided by DHHS, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
8. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible, or involuntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List (of excluded parties).
9. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and



information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

10. Except for transactions authorized under paragraph 6 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal government, DHHS may terminate this transaction for cause or default.

PRIMARY COVERED TRANSACTIONS

11. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
- 11.1. are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - 11.2. have not within a three-year period preceding this proposal (contract) been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or a contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - 11.3. are not presently indicted for otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (I)(b) of this certification; and
 - 11.4. have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
12. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal (contract).

LOWER TIER COVERED TRANSACTIONS

13. By signing and submitting this lower tier proposal (contract), the prospective lower tier participant, as defined in 45 CFR Part 76, certifies to the best of its knowledge and belief that it and its principals:
- 13.1. are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.
 - 13.2. where the prospective lower tier participant is unable to certify to any of the above, such prospective participant shall attach an explanation to this proposal (contract).
14. The prospective lower tier participant further agrees by submitting this proposal (contract) that it will include this clause entitled "Certification Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion - Lower Tier Covered Transactions," without modification in all lower tier covered transactions and in all solicitations for lower tier covered transactions.

Contractor Name:

Date

Name:
Title:



**CERTIFICATION OF COMPLIANCE WITH REQUIREMENTS PERTAINING TO
 FEDERAL NONDISCRIMINATION, EQUAL TREATMENT OF FAITH-BASED ORGANIZATIONS AND
 WHISTLEBLOWER PROTECTIONS**

The Contractor identified in Section 1.3 of the General Provisions agrees by signature of the Contractor's representative as identified in Sections 1.11 and 1.12 of the General Provisions, to execute the following certification:

Contractor will comply, and will require any subgrantees or subcontractors to comply, with any applicable federal nondiscrimination requirements, which may include:

- the Omnibus Crime Control and Safe Streets Act of 1968 (42 U.S.C. Section 3789d) which prohibits recipients of federal funding under this statute from discriminating, either in employment practices or in the delivery of services or benefits, on the basis of race, color, religion, national origin, and sex. The Act requires certain recipients to produce an Equal Employment Opportunity Plan;
- the Juvenile Justice Delinquency Prevention Act of 2002 (42 U.S.C. Section 5672(b)) which adopts by reference, the civil rights obligations of the Safe Streets Act. Recipients of federal funding under this statute are prohibited from discriminating, either in employment practices or in the delivery of services or benefits, on the basis of race, color, religion, national origin, and sex. The Act includes Equal Employment Opportunity Plan requirements;
- the Civil Rights Act of 1964 (42 U.S.C. Section 2000d, which prohibits recipients of federal financial assistance from discriminating on the basis of race, color, or national origin in any program or activity);
- the Rehabilitation Act of 1973 (29 U.S.C. Section 794), which prohibits recipients of Federal financial assistance from discriminating on the basis of disability, in regard to employment and the delivery of services or benefits, in any program or activity;
- the Americans with Disabilities Act of 1990 (42 U.S.C. Sections 12131-34), which prohibits discrimination and ensures equal opportunity for persons with disabilities in employment, State and local government services, public accommodations, commercial facilities, and transportation;
- the Education Amendments of 1972 (20 U.S.C. Sections 1681, 1683, 1685-86), which prohibits discrimination on the basis of sex in federally assisted education programs;
- the Age Discrimination Act of 1975 (42 U.S.C. Sections 6106-07), which prohibits discrimination on the basis of age in programs or activities receiving Federal financial assistance. It does not include employment discrimination;
- 28 C.F.R. pt. 31 (U.S. Department of Justice Regulations – OJJDP Grant Programs); 28 C.F.R. pt. 42 (U.S. Department of Justice Regulations – Nondiscrimination; Equal Employment Opportunity; Policies and Procedures); Executive Order No. 13279 (equal protection of the laws for faith-based and community organizations); Executive Order No. 13559, which provide fundamental principles and policy-making criteria for partnerships with faith-based and neighborhood organizations;
- 28 C.F.R. pt. 38 (U.S. Department of Justice Regulations – Equal Treatment for Faith-Based Organizations); and Whistleblower protections 41 U.S.C. §4712 and The National Defense Authorization Act (NDAA) for Fiscal Year 2013 (Pub. L. 112-239, enacted January 2, 2013) the Pilot Program for Enhancement of Contract Employee Whistleblower Protections, which protects employees against reprisal for certain whistle blowing activities in connection with federal grants and contracts.

The certificate set out below is a material representation of fact upon which reliance is placed when the agency awards the grant. False certification or violation of the certification shall be grounds for suspension of payments, suspension or termination of grants, or government wide suspension or debarment.

Exhibit G

Contractor Initials _____

Certification of Compliance with requirements pertaining to Federal Nondiscrimination, Equal Treatment of Faith-Based Organizations
and Whistleblower protections

Appendix B
New Hampshire Department of Health and Human Services
Exhibit G



In the event a Federal or State court or Federal or State administrative agency makes a finding of discrimination after a due process hearing on the grounds of race, color, religion, national origin, or sex against a recipient of funds, the recipient will forward a copy of the finding to the Office for Civil Rights, to the applicable contracting agency or division within the Department of Health and Human Services, and to the Department of Health and Human Services Office of the Ombudsman.

The Contractor identified in Section 1.3 of the General Provisions agrees by signature of the Contractor's representative as identified in Sections 1.11 and 1.12 of the General Provisions, to execute the following certification:

1. By signing and submitting this proposal (contract) the Contractor agrees to comply with the provisions indicated above.

Contractor Name:

Date

Name:
Title:

I

Exhibit G

Contractor Initials _____

Certification of Compliance with requirements pertaining to Federal Nondiscrimination, Equal Treatment of Faith-Based Organizations
and Whistleblower protections

Appendix B
New Hampshire Department of Health and Human Services
Exhibit H



CERTIFICATION REGARDING ENVIRONMENTAL TOBACCO SMOKE

Public Law 103-227, Part C - Environmental Tobacco Smoke, also known as the Pro-Children Act of 1994 (Act), requires that smoking not be permitted in any portion of any indoor facility owned or leased or contracted for by an entity and used routinely or regularly for the provision of health, day care, education, or library services to children under the age of 18, if the services are funded by Federal programs either directly or through State or local governments, by Federal grant, contract, loan, or loan guarantee. The law does not apply to children's services provided in private residences, facilities funded solely by Medicare or Medicaid funds, and portions of facilities used for inpatient drug or alcohol treatment. Failure to comply with the provisions of the law may result in the imposition of a civil monetary penalty of up to \$1000 per day and/or the imposition of an administrative compliance order on the responsible entity.

The Contractor identified in Section 1.3 of the General Provisions agrees, by signature of the Contractor's representative as identified in Section 1.11 and 1.12 of the General Provisions, to execute the following certification:

1. By signing and submitting this contract, the Contractor agrees to make reasonable efforts to comply with all applicable provisions of Public Law 103-227, Part C, known as the Pro-Children Act of 1994.

Contractor Name: _____

Date

Name:
Title:



Exhibit I

HEALTH INSURANCE PORTABILITY ACT
BUSINESS ASSOCIATE AGREEMENT

The Contractor identified in Section 1.3 of the General Provisions of the Agreement agrees to comply with the Health Insurance Portability and Accountability Act, Public Law 104-191 and with the Standards for Privacy and Security of Individually Identifiable Health Information, 45 CFR Parts 160 and 164 applicable to business associates. As defined herein, "Business Associate" shall mean the Contractor and subcontractors and agents of the Contractor that receive, use or have access to protected health information under this Agreement and "Covered Entity" shall mean the State of New Hampshire, Department of Health and Human Services.

(1) Definitions.

- a. "Breach" shall have the same meaning as the term "Breach" in section 164.402 of Title 45, Code of Federal Regulations.
- b. "Business Associate" has the meaning given such term in section 160.103 of Title 45, Code of Federal Regulations.
- c. "Covered Entity" has the meaning given such term in section 160.103 of Title 45, Code of Federal Regulations.
- d. "Designated Record Set" shall have the same meaning as the term "designated record set" in 45 CFR Section 164.501.
- e. "Data Aggregation" shall have the same meaning as the term "data aggregation" in 45 CFR Section 164.501.
- f. "Health Care Operations" shall have the same meaning as the term "health care operations" in 45 CFR Section 164.501.
- g. "HITECH Act" means the Health Information Technology for Economic and Clinical Health Act, Title XIII, Subtitle D, Part 1 & 2 of the American Recovery and Reinvestment Act of 2009.
- h. "HIPAA" means the Health Insurance Portability and Accountability Act of 1996, Public Law 104-191 and the Standards for Privacy and Security of Individually Identifiable Health Information, 45 CFR Parts 160, 162 and 164 and amendments thereto.
- i. "Individual" shall have the same meaning as the term "individual" in 45 CFR Section 160.103 and shall include a person who qualifies as a personal representative in accordance with 45 CFR Section 164.501(g).
- j. "Privacy Rule" shall mean the Standards for Privacy of Individually Identifiable Health Information at 45 CFR Parts 160 and 164, promulgated under HIPAA by the United States Department of Health and Human Services.
- k. "Protected Health Information" shall have the same meaning as the term "protected health information" in 45 CFR Section 160.103, limited to the information created or received by Business Associate from or on behalf of Covered Entity.



Exhibit I

- l. "Required by Law" shall have the same meaning as the term "required by law" in 45 CFR Section 164.103.
- m. "Secretary" shall mean the Secretary of the Department of Health and Human Services or his/her designee.
- n. "Security Rule" shall mean the Security Standards for the Protection of Electronic Protected Health Information at 45 CFR Part 164, Subpart C, and amendments thereto.
- o. "Unsecured Protected Health Information" means protected health information that is not secured by a technology standard that renders protected health information unusable, unreadable, or indecipherable to unauthorized individuals and is developed or endorsed by a standards developing organization that is accredited by the American National Standards Institute.
- p. Other Definitions - All terms not otherwise defined herein shall have the meaning established under 45 C.F.R. Parts 160, 162 and 164, as amended from time to time, and the HITECH Act.

(2) **Business Associate Use and Disclosure of Protected Health Information.**

- a. Business Associate shall not use, disclose, maintain or transmit Protected Health Information (PHI) except as reasonably necessary to provide the services outlined under Exhibit A of the Agreement. Further, Business Associate, including but not limited to all its directors, officers, employees and agents, shall not use, disclose, maintain or transmit PHI in any manner that would constitute a violation of the Privacy and Security Rule.
- b. Business Associate may use or disclose PHI:
- I. For the proper management and administration of the Business Associate;
 - II. As required by law, pursuant to the terms set forth in paragraph d. below; or
 - III. For data aggregation purposes for the health care operations of Covered Entity.
- c. To the extent Business Associate is permitted under the Agreement to disclose PHI to a third party, Business Associate must obtain, prior to making any such disclosure, (i) reasonable assurances from the third party that such PHI will be held confidentially and used or further disclosed only as required by law or for the purpose for which it was disclosed to the third party; and (ii) an agreement from such third party to notify Business Associate, in accordance with the HIPAA Privacy, Security, and Breach Notification Rules of any breaches of the confidentiality of the PHI, to the extent it has obtained knowledge of such breach.
- d. The Business Associate shall not, unless such disclosure is reasonably necessary to provide services under Exhibit A of the Agreement, disclose any PHI in response to a request for disclosure on the basis that it is required by law, without first notifying Covered Entity so that Covered Entity has an opportunity to object to the disclosure and to seek appropriate relief. If Covered Entity objects to such disclosure, the Business



Exhibit I

Associate shall refrain from disclosing the PHI until Covered Entity has exhausted all remedies.

- e. If the Covered Entity notifies the Business Associate that Covered Entity has agreed to be bound by additional restrictions over and above those uses or disclosures or security safeguards of PHI pursuant to the Privacy and Security Rule, the Business Associate shall be bound by such additional restrictions and shall not disclose PHI in violation of such additional restrictions and shall abide by any additional security safeguards.

(3) **Obligations and Activities of Business Associate.**

- a. The Business Associate shall notify the Covered Entity's Privacy Officer immediately after the Business Associate becomes aware of any use or disclosure of protected health information not provided for by the Agreement including breaches of unsecured protected health information and/or any security incident that may have an impact on the protected health information of the Covered Entity.
- b. The Business Associate shall immediately perform a risk assessment when it becomes aware of any of the above situations. The risk assessment shall include, but not be limited to:
- o The nature and extent of the protected health information involved, including the types of identifiers and the likelihood of re-identification;
 - o The unauthorized person used the protected health information or to whom the disclosure was made;
 - o Whether the protected health information was actually acquired or viewed
 - o The extent to which the risk to the protected health information has been mitigated.

The Business Associate shall complete the risk assessment within 48 hours of the breach and immediately report the findings of the risk assessment in writing to the Covered Entity.

- c. The Business Associate shall comply with all sections of the Privacy, Security, and Breach Notification Rule.
- d. Business Associate shall make available all of its internal policies and procedures, books and records relating to the use and disclosure of PHI received from, or created or received by the Business Associate on behalf of Covered Entity to the Secretary for purposes of determining Covered Entity's compliance with HIPAA and the Privacy and Security Rule.
- e. Business Associate shall require all of its business associates that receive, use or have access to PHI under the Agreement, to agree in writing to adhere to the same restrictions and conditions on the use and disclosure of PHI contained herein, including the duty to return or destroy the PHI as provided under Section 3 (I). The Covered Entity shall be considered a direct third party beneficiary of the Contractor's business associate agreements with Contractor's intended business associates, who will be receiving PHI

**Exhibit I**

pursuant to this Agreement, with rights of enforcement and indemnification from such business associates who shall be governed by standard Paragraph #13 of the standard contract provisions (P-37) of this Agreement for the purpose of use and disclosure of protected health information.

- f. Within five (5) business days of receipt of a written request from Covered Entity, Business Associate shall make available during normal business hours at its offices all records, books, agreements, policies and procedures relating to the use and disclosure of PHI to the Covered Entity, for purposes of enabling Covered Entity to determine Business Associate's compliance with the terms of the Agreement.
- g. Within ten (10) business days of receiving a written request from Covered Entity, Business Associate shall provide access to PHI in a Designated Record Set to the Covered Entity, or as directed by Covered Entity, to an individual in order to meet the requirements under 45 CFR Section 164.524.
- h. Within ten (10) business days of receiving a written request from Covered Entity for an amendment of PHI or a record about an individual contained in a Designated Record Set, the Business Associate shall make such PHI available to Covered Entity for amendment and incorporate any such amendment to enable Covered Entity to fulfill its obligations under 45 CFR Section 164.526.
- i. Business Associate shall document such disclosures of PHI and information related to such disclosures as would be required for Covered Entity to respond to a request by an individual for an accounting of disclosures of PHI in accordance with 45 CFR Section 164.528.
- j. Within ten (10) business days of receiving a written request from Covered Entity for a request for an accounting of disclosures of PHI, Business Associate shall make available to Covered Entity such information as Covered Entity may require to fulfill its obligations to provide an accounting of disclosures with respect to PHI in accordance with 45 CFR Section 164.528.
- k. In the event any individual requests access to, amendment of, or accounting of PHI directly from the Business Associate, the Business Associate shall within two (2) business days forward such request to Covered Entity. Covered Entity shall have the responsibility of responding to forwarded requests. However, if forwarding the individual's request to Covered Entity would cause Covered Entity or the Business Associate to violate HIPAA and the Privacy and Security Rule, the Business Associate shall instead respond to the individual's request as required by such law and notify Covered Entity of such response as soon as practicable.
- l. Within ten (10) business days of termination of the Agreement, for any reason, the Business Associate shall return or destroy, as specified by Covered Entity, all PHI received from, or created or received by the Business Associate in connection with the Agreement, and shall not retain any copies or back-up tapes of such PHI. If return or destruction is not feasible, or the disposition of the PHI has been otherwise agreed to in the Agreement, Business Associate shall continue to extend the protections of the Agreement, to such PHI and limit further uses and disclosures of such PHI to those purposes that make the return or destruction infeasible, for so long as Business



Exhibit I

Associate maintains such PHI. If Covered Entity, in its sole discretion, requires that the Business Associate destroy any or all PHI, the Business Associate shall certify to Covered Entity that the PHI has been destroyed.

(4) Obligations of Covered Entity

- a. Covered Entity shall notify Business Associate of any changes or limitation(s) in its Notice of Privacy Practices provided to individuals in accordance with 45 CFR Section 164.520, to the extent that such change or limitation may affect Business Associate's use or disclosure of PHI.
- b. Covered Entity shall promptly notify Business Associate of any changes in, or revocation of permission provided to Covered Entity by individuals whose PHI may be used or disclosed by Business Associate under this Agreement, pursuant to 45 CFR Section 164.506 or 45 CFR Section 164.508.
- c. Covered entity shall promptly notify Business Associate of any restrictions on the use or disclosure of PHI that Covered Entity has agreed to in accordance with 45 CFR 164.522, to the extent that such restriction may affect Business Associate's use or disclosure of PHI.

(5) Termination for Cause

In addition to Paragraph 10 of the standard terms and conditions (P-37) of this Agreement the Covered Entity may immediately terminate the Agreement upon Covered Entity's knowledge of a breach by Business Associate of the Business Associate Agreement set forth herein as Exhibit I. The Covered Entity may either immediately terminate the Agreement or provide an opportunity for Business Associate to cure the alleged breach within a timeframe specified by Covered Entity. If Covered Entity determines that neither termination nor cure is feasible, Covered Entity shall report the violation to the Secretary.

(6) Miscellaneous

- a. Definitions and Regulatory References. All terms used, but not otherwise defined herein, shall have the same meaning as those terms in the Privacy and Security Rule, amended from time to time. A reference in the Agreement, as amended to include this Exhibit I, to a Section in the Privacy and Security Rule means the Section as in effect or as amended.
- b. Amendment. Covered Entity and Business Associate agree to take such action as is necessary to amend the Agreement, from time to time as is necessary for Covered Entity to comply with the changes in the requirements of HIPAA, the Privacy and Security Rule, and applicable federal and state law.
- c. Data Ownership. The Business Associate acknowledges that it has no ownership rights with respect to the PHI provided by or created on behalf of Covered Entity.
- d. Interpretation. The parties agree that any ambiguity in the Agreement shall be resolved to permit Covered Entity to comply with HIPAA, the Privacy and Security Rule.



Exhibit I

- e. Segregation. If any term or condition of this Exhibit I or the application thereof to any person(s) or circumstance is held invalid, such invalidity shall not affect other terms or conditions which can be given effect without the invalid term or condition; to this end the terms and conditions of this Exhibit I are declared severable.
- f. Survival. Provisions in this Exhibit I regarding the use and disclosure of PHI, return or destruction of PHI, extensions of the protections of the Agreement in section (3) I, the defense and indemnification provisions of section (3) e and Paragraph 13 of the standard terms and conditions (P-37), shall survive the termination of the Agreement.

IN WITNESS WHEREOF, the parties hereto have duly executed this Exhibit I.

The State

Name of the Contractor

Signature of Authorized Representative

Signature of Authorized Representative

I

Name of Authorized Representative

Name of Authorized Representative

Title of Authorized Representative

Title of Authorized Representative

Date

Date

**CERTIFICATION REGARDING THE FEDERAL FUNDING ACCOUNTABILITY AND TRANSPARENCY
ACT (FFATA) COMPLIANCE**

The Federal Funding Accountability and Transparency Act (FFATA) requires prime awardees of individual Federal grants equal to or greater than \$25,000 and awarded on or after October 1, 2010, to report on data related to executive compensation and associated first-tier sub-grants of \$25,000 or more. If the initial award is below \$25,000 but subsequent grant modifications result in a total award equal to or over \$25,000, the award is subject to the FFATA reporting requirements, as of the date of the award.

In accordance with 2 CFR Part 170 (Reporting Subaward and Executive Compensation Information), the Department of Health and Human Services (DHHS) must report the following information for any subaward or contract award subject to the FFATA reporting requirements:

1. Name of entity
2. Amount of award
3. Funding agency
4. NAICS code for contracts / CFDA program number for grants
5. Program source
6. Award title descriptive of the purpose of the funding action
7. Location of the entity
8. Principle place of performance
9. Unique identifier of the entity (DUNS #)
10. Total compensation and names of the top five executives if:
 - 10.1. More than 80% of annual gross revenues are from the Federal government, and those revenues are greater than \$25M annually and
 - 10.2. Compensation information is not already available through reporting to the SEC.

Prime grant recipients must submit FFATA required data by the end of the month, plus 30 days, in which the award or award amendment is made.

The Contractor identified in Section 1.3 of the General Provisions agrees to comply with the provisions of The Federal Funding Accountability and Transparency Act, Public Law 109-282 and Public Law 110-252, and 2 CFR Part 170 (Reporting Subaward and Executive Compensation Information), and further agrees to have the Contractor's representative, as identified in Sections 1.11 and 1.12 of the General Provisions execute the following Certification:

The below named Contractor agrees to provide needed information as outlined above to the NH Department of Health and Human Services and to comply with all applicable provisions of the Federal Financial Accountability and Transparency Act.

Contractor Name:

Date

Name:
Title:



FORM A

As the Contractor identified in Section 1.3 of the General Provisions, I certify that the responses to the below listed questions are true and accurate.

1. The DUNS number for your entity is: _____
2. In your business or organization's preceding completed fiscal year, did your business or organization receive (1) 80 percent or more of your annual gross revenue in U.S. federal contracts, subcontracts, loans, grants, sub-grants, and/or cooperative agreements; and (2) \$25,000,000 or more in annual gross revenues from U.S. federal contracts, subcontracts, loans, grants, subgrants, and/or cooperative agreements?

_____ NO _____ YES

If the answer to #2 above is NO, stop here

If the answer to #2 above is YES, please answer the following:

3. Does the public have access to information about the compensation of the executives in your business or organization through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C.78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986?

_____ NO _____ YES

If the answer to #3 above is YES, stop here

If the answer to #3 above is NO, please answer the following:

4. The names and compensation of the five most highly compensated officers in your business or organization are as follows:

Name: _____	Amount: _____
Name: _____	Amount: _____
Name: _____	Amount: _____
Name: _____	Amount: _____
Name: _____	Amount: _____

New Hampshire Department of Health and Human Services**Exhibit K****DHHS Information Security Requirements****A. Definitions**

The following terms may be reflected and have the described meaning in this document:

1. "Breach" means the loss of control, compromise, unauthorized disclosure, unauthorized acquisition, unauthorized access, or any similar term referring to situations where persons other than authorized users and for an other than authorized purpose have access or potential access to personally identifiable information, whether physical or electronic. With regard to Protected Health Information, "Breach" shall have the same meaning as the term "Breach" in section 164.402 of Title 45, Code of Federal Regulations.
2. "Computer Security Incident" shall have the same meaning "Computer Security Incident" in section two (2) of NIST Publication 800-61, Computer Security Incident Handling Guide, National Institute of Standards and Technology, U.S. Department of Commerce.
3. "Confidential Information" or "Confidential Data" means all confidential information disclosed by one party to the other such as all medical, health, financial, public assistance benefits and personal information including without limitation, Substance Abuse Treatment Records, Case Records, Protected Health Information and Personally Identifiable Information.

Confidential Information also includes any and all information owned or managed by the State of NH - created, received from or on behalf of the Department of Health and Human Services (DHHS) or accessed in the course of performing contracted services - of which collection, disclosure, protection, and disposition is governed by state or federal law or regulation. This information includes, but is not limited to Protected Health Information (PHI), Personal Information (PI), Personal Financial Information (PFI), Federal Tax Information (FTI), Social Security Numbers (SSN), Payment Card Industry (PCI), and or other sensitive and confidential information.

4. "End User" means any person or entity (e.g., contractor, contractor's employee, business associate, subcontractor, other downstream user, etc.) that receives DHHS data or derivative data in accordance with the terms of this Contract.
5. "HIPAA" means the Health Insurance Portability and Accountability Act of 1996 and the regulations promulgated thereunder.
6. "Incident" means an act that potentially violates an explicit or implied security policy, which includes attempts (either failed or successful) to gain unauthorized access to a system or its data, unwanted disruption or denial of service, the unauthorized use of a system for the processing or storage of data; and changes to system hardware, firmware, or software characteristics without the owner's knowledge, instruction, or consent. Incidents include the loss of data through theft or device misplacement, loss or misplacement of hardcopy documents, and misrouting of physical or electronic

New Hampshire Department of Health and Human Services**Exhibit K****DHHS Information Security Requirements**

mail, all of which may have the potential to put the data at risk of unauthorized access, use, disclosure, modification or destruction.

7. "Open Wireless Network" means any network or segment of a network that is not designated by the State of New Hampshire's Department of Information Technology or delegate as a protected network (designed, tested, and approved, by means of the State, to transmit) will be considered an open network and not adequately secure for the transmission of unencrypted PI, PFI, PHI or confidential DHHS data.
8. "Personal Information" (or "PI") means information which can be used to distinguish or trace an individual's identity, such as their name, social security number, personal information as defined in New Hampshire RSA 359-C:19, biometric records, etc., alone, or when combined with other personal or identifying information which is linked or linkable to a specific individual, such as date and place of birth, mother's maiden name, etc.
9. "Privacy Rule" shall mean the Standards for Privacy of Individually Identifiable Health Information at 45 C.F.R. Parts 160 and 164, promulgated under HIPAA by the United States Department of Health and Human Services.
10. "Protected Health Information" (or "PHI") has the same meaning as provided in the definition of "Protected Health Information" in the HIPAA Privacy Rule at 45 C.F.R. § 160.103.
11. "Security Rule" shall mean the Security Standards for the Protection of Electronic Protected Health Information at 45 C.F.R. Part 164, Subpart C, and amendments thereto.
12. "Unsecured Protected Health Information" means Protected Health Information that is not secured by a technology standard that renders Protected Health Information unusable, unreadable, or indecipherable to unauthorized individuals and is developed or endorsed by a standards developing organization that is accredited by the American National Standards Institute.

I. RESPONSIBILITIES OF DHHS AND THE CONTRACTOR**A. Business Use and Disclosure of Confidential Information.**

1. The Contractor must not use, disclose, maintain or transmit Confidential Information except as reasonably necessary as outlined under this Contract. Further, Contractor, including but not limited to all its directors, officers, employees and agents, must not use, disclose, maintain or transmit PHI in any manner that would constitute a violation of the Privacy and Security Rule.
2. The Contractor must not disclose any Confidential Information in response to a

New Hampshire Department of Health and Human Services**Exhibit K****DHHS Information Security Requirements**

request for disclosure on the basis that it is required by law, in response to a subpoena, etc., without first notifying DHHS so that DHHS has an opportunity to consent or object to the disclosure.

3. If DHHS notifies the Contractor that DHHS has agreed to be bound by additional restrictions over and above those uses or disclosures or security safeguards of PHI pursuant to the Privacy and Security Rule, the Contractor must be bound by such additional restrictions and must not disclose PHI in violation of such additional restrictions and must abide by any additional security safeguards.
4. The Contractor agrees that DHHS Data or derivative there from disclosed to an End User must only be used pursuant to the terms of this Contract.
5. The Contractor agrees DHHS Data obtained under this Contract may not be used for any other purposes that are not indicated in this Contract.
6. The Contractor agrees to grant access to the data to the authorized representatives of DHHS for the purpose of inspecting to confirm compliance with the terms of this Contract.

II. METHODS OF SECURE TRANSMISSION OF DATA

1. Application Encryption. If End User is transmitting DHHS data containing Confidential Data between applications, the Contractor attests the applications have been evaluated by an expert knowledgeable in cyber security and that said application's encryption capabilities ensure secure transmission via the internet.
2. Computer Disks and Portable Storage Devices. End User may not use computer disks or portable storage devices, such as a thumb drive, as a method of transmitting DHHS data.
3. Encrypted Email. End User may only employ email to transmit Confidential Data if email is encrypted and being sent to and being received by email addresses of persons authorized to receive such information.
4. Encrypted Web Site. If End User is employing the Web to transmit Confidential Data, the secure socket layers (SSL) must be used and the web site must be secure. SSL encrypts data transmitted via a Web site.
5. File Hosting Services, also known as File Sharing Sites. End User may not use file hosting services, such as Dropbox or Google Cloud Storage, to transmit Confidential Data.
6. Ground Mail Service. End User may only transmit Confidential Data via *certified* ground mail within the continental U.S. and when sent to a named individual.
7. Laptops and PDA. If End User is employing portable devices to transmit Confidential Data said devices must be encrypted and password-protected.
8. Open Wireless Networks. End User may not transmit Confidential Data via an open

New Hampshire Department of Health and Human Services**Exhibit K****DHHS Information Security Requirements**

wireless network. End User must employ a virtual private network (VPN) when remotely transmitting via an open wireless network.

9. Remote User Communication. If End User is employing remote communication to access or transmit Confidential Data, a virtual private network (VPN) must be installed on the End User's mobile device(s) or laptop from which information will be transmitted or accessed.
10. SSH File Transfer Protocol (SFTP), also known as Secure File Transfer Protocol. If End User is employing an SFTP to transmit Confidential Data, End User will structure the Folder and access privileges to prevent inappropriate disclosure of information. SFTP folders and sub-folders used for transmitting Confidential Data will be coded for 24-hour auto-deletion cycle (i.e. Confidential Data will be deleted every 24 hours).
11. Wireless Devices. If End User is transmitting Confidential Data via wireless devices, all data must be encrypted to prevent inappropriate disclosure of information.

III. RETENTION AND DISPOSITION OF IDENTIFIABLE RECORDS

The Contractor will only retain the data and any derivative of the data for the duration of this Contract. After such time, the Contractor will have 30 days to destroy the data and any derivative in whatever form it may exist, unless, otherwise required by law or permitted under this Contract. To this end, the parties must:

A. Retention

1. The Contractor agrees it will not store, transfer or process data collected in connection with the services rendered under this Contract outside of the United States. This physical location requirement shall also apply in the implementation of cloud computing, cloud service or cloud storage capabilities, and includes backup data and Disaster Recovery locations.
2. The Contractor agrees to ensure proper security monitoring capabilities are in place to detect potential security events that can impact State of NH systems and/or Department confidential information for contractor provided systems.
3. The Contractor agrees to provide security awareness and education for its End Users in support of protecting Department confidential information.
4. The Contractor agrees to retain all electronic and hard copies of Confidential Data in a secure location and identified in section IV. A.2
5. The Contractor agrees Confidential Data stored in a Cloud must be in a FedRAMP/HITECH compliant solution and comply with all applicable statutes and regulations regarding the privacy and security. All servers and devices must have currently-supported and hardened operating systems, the latest anti-viral, anti-hacker, anti-spam, anti-spyware, and anti-malware utilities. The environment, as a

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whole, must have aggressive intrusion-detection and firewall protection.

6. The Contractor agrees to and ensures its complete cooperation with the State's Chief Information Officer in the detection of any security vulnerability of the hosting infrastructure.

B. Disposition

1. If the Contractor will maintain any Confidential Information on its systems (or its sub-contractor systems), the Contractor will maintain a documented process for securely disposing of such data upon request or contract termination; and will obtain written certification for any State of New Hampshire data destroyed by the Contractor or any subcontractors as a part of ongoing, emergency, and or disaster recovery operations. When no longer in use, electronic media containing State of New Hampshire data shall be rendered unrecoverable via a secure wipe program in accordance with industry-accepted standards for secure deletion and media sanitization, or otherwise physically destroying the media (for example, degaussing) as described in NIST Special Publication 800-88, Rev 1, Guidelines for Media Sanitization, National Institute of Standards and Technology, U. S. Department of Commerce. The Contractor will document and certify in writing at time of the data destruction, and will provide written certification to the Department upon request. The written certification will include all details necessary to demonstrate data has been properly destroyed and validated. Where applicable, regulatory and professional standards for retention requirements will be jointly evaluated by the State and Contractor prior to destruction.
2. Unless otherwise specified, within thirty (30) days of the termination of this Contract, Contractor agrees to destroy all hard copies of Confidential Data using a secure method such as shredding.
3. Unless otherwise specified, within thirty (30) days of the termination of this Contract, Contractor agrees to completely destroy all electronic Confidential Data by means of data erasure, also known as secure data wiping.

IV. PROCEDURES FOR SECURITY

- A. Contractor agrees to safeguard the DHHS Data received under this Contract, and any derivative data or files, as follows:
 1. The Contractor will maintain proper security controls to protect Department confidential information collected, processed, managed, and/or stored in the delivery of contracted services.
 2. The Contractor will maintain policies and procedures to protect Department confidential information throughout the information lifecycle, where applicable, (from creation, transformation, use, storage and secure destruction) regardless of the media used to store the data (i.e., tape, disk, paper, etc.).

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3. The Contractor will maintain appropriate authentication and access controls to contractor systems that collect, transmit, or store Department confidential information where applicable.
4. The Contractor will ensure proper security monitoring capabilities are in place to detect potential security events that can impact State of NH systems and/or Department confidential information for contractor provided systems.
5. The Contractor will provide regular security awareness and education for its End Users in support of protecting Department confidential information.
6. If the Contractor will be sub-contracting any core functions of the engagement supporting the services for State of New Hampshire, the Contractor will maintain a program of an internal process or processes that defines specific security expectations, and monitoring compliance to security requirements that at a minimum match those for the Contractor, including breach notification requirements.
7. The Contractor will work with the Department to sign and comply with all applicable State of New Hampshire and Department system access and authorization policies and procedures, systems access forms, and computer use agreements as part of obtaining and maintaining access to any Department system(s). Agreements will be completed and signed by the Contractor and any applicable sub-contractors prior to system access being authorized.
8. If the Department determines the Contractor is a Business Associate pursuant to 45 CFR 160.103, the Contractor will execute a HIPAA Business Associate Agreement (BAA) with the Department and is responsible for maintaining compliance with the agreement.
9. The Contractor will work with the Department at its request to complete a System Management Survey. The purpose of the survey is to enable the Department and Contractor to monitor for any changes in risks, threats, and vulnerabilities that may occur over the life of the Contractor engagement. The survey will be completed annually, or an alternate time frame at the Departments discretion with agreement by the Contractor, or the Department may request the survey be completed when the scope of the engagement between the Department and the Contractor changes.
10. The Contractor will not store, knowingly or unknowingly, any State of New Hampshire or Department data offshore or outside the boundaries of the United States unless prior express written consent is obtained from the Information Security Office leadership member within the Department.
11. Data Security Breach Liability. In the event of any security breach Contractor shall make efforts to investigate the causes of the breach, promptly take measures to prevent future breach and minimize any damage or loss resulting from the breach. The State shall recover from the Contractor all costs of response and recovery from

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the breach, including but not limited to: credit monitoring services, mailing costs and costs associated with website and telephone call center services necessary due to the breach.

12. Contractor must, comply with all applicable statutes and regulations regarding the privacy and security of Confidential Information, and must in all other respects maintain the privacy and security of PI and PHI at a level and scope that is not less than the level and scope of requirements applicable to federal agencies, including, but not limited to, provisions of the Privacy Act of 1974 (5 U.S.C. § 552a), DHHS Privacy Act Regulations (45 C.F.R. §5b), HIPAA Privacy and Security Rules (45 C.F.R. Parts 160 and 164) that govern protections for individually identifiable health information and as applicable under State law.
13. Contractor agrees to establish and maintain appropriate administrative, technical, and physical safeguards to protect the confidentiality of the Confidential Data and to prevent unauthorized use or access to it. The safeguards must provide a level and scope of security that is not less than the level and scope of security requirements established by the State of New Hampshire, Department of Information Technology. Refer to Vendor Resources/Procurement at <https://www.nh.gov/doit/vendor/index.htm> for the Department of Information Technology policies, guidelines, standards, and procurement information relating to vendors.
14. Contractor agrees to maintain a documented breach notification and incident response process. The Contractor will notify the State's Privacy Officer, and additional email addresses provided in this section, of any security breach within two (2) hours of the time that the Contractor learns of its occurrence. This includes a confidential information breach, computer security incident, or suspected breach which affects or includes any State of New Hampshire systems that connect to the State of New Hampshire network.
15. Contractor must restrict access to the Confidential Data obtained under this Contract to only those authorized End Users who need such DHHS Data to perform their official duties in connection with purposes identified in this Contract.
16. The Contractor must ensure that all End Users:
 - a. comply with such safeguards as referenced in Section IV A. above, implemented to protect Confidential Information that is furnished by DHHS under this Contract from loss, theft or inadvertent disclosure.
 - b. safeguard this information at all times.
 - c. ensure that laptops and other electronic devices/media containing PHI, PI, or PFI are encrypted and password-protected.
 - d. send emails containing Confidential Information only if encrypted and being sent to and being received by email addresses of persons authorized to receive such information.

New Hampshire Department of Health and Human Services**Exhibit K****DHHS Information Security Requirements**

- e. limit disclosure of the Confidential Information to the extent permitted by law.
- f. Confidential Information received under this Contract and individually identifiable data derived from DHHS Data, must be stored in an area that is physically and technologically secure from access by unauthorized persons during duty hours as well as non-duty hours (e.g., door locks, card keys, biometric identifiers, etc.).
- g. only authorized End Users may transmit the Confidential Data, including any derivative files containing personally identifiable information, and in all cases, such data must be encrypted at all times when in transit, at rest, or when stored on portable media as required in section IV above.
- h. in all other instances Confidential Data must be maintained, used and disclosed using appropriate safeguards, as determined by a risk-based assessment of the circumstances involved.
- i. understand that their user credentials (user name and password) must not be shared with anyone. End Users will keep their credential information secure. This applies to credentials used to access the site directly or indirectly through a third party application.

Contractor is responsible for oversight and compliance of their End Users. DHHS reserves the right to conduct onsite inspections to monitor compliance with this Contract, including the privacy and security requirements provided in herein, HIPAA, and other applicable laws and Federal regulations until such time the Confidential Data is disposed of in accordance with this Contract.

V. LOSS REPORTING

The Contractor must notify the State's Privacy Officer, Information Security Office and Program Manager of any Security Incidents and Breaches within two (2) hours of the time that the Contractor learns of their occurrence.

The Contractor must further handle and report Incidents and Breaches involving PHI in accordance with the agency's documented Incident Handling and Breach Notification procedures and in accordance with 42 C.F.R. §§ 431.300 - 306. In addition to, and notwithstanding, Contractor's compliance with all applicable obligations and procedures, Contractor's procedures must also address how the Contractor will:

1. Identify Incidents;
2. Determine if personally identifiable information is involved in Incidents;
3. Report suspected or confirmed Incidents as required in this Exhibit or P-37;
4. Identify and convene a core response group to determine the risk level of Incidents and determine risk-based responses to Incidents; and

New Hampshire Department of Health and Human Services**Exhibit K****DHHS Information Security Requirements**

5. Determine whether Breach notification is required, and, if so, identify appropriate Breach notification methods, timing, source, and contents from among different options, and bear costs associated with the Breach notice as well as any mitigation measures.

Incidents and/or Breaches that implicate PI must be addressed and reported, as applicable, in accordance with NH RSA 359-C:20.

VI. PERSONS TO CONTACT

- A. DHHS contact for Data Management or Data Exchange issues:

DHHSInformationSecurityOffice@dhhs.nh.gov

- B. DHHS contacts for Privacy issues:

DHHSPrivacyOfficer@dhhs.nh.gov

- C. DHHS contact for Information Security issues:

DHHSInformationSecurityOffice@dhhs.nh.gov

- D. DHHS contact for Breach notifications:

DHHSInformationSecurityOffice@dhhs.nh.gov

DHHSPrivacyOfficer@dhhs.nh.gov